Annals of the Rheumatic Diseases, **44**, 1985

INDEX TO VOLUME 44, 1985

ABEYASEKERA G *see* SAMBROOK P N *et al*
Acetylator phenotype, effect on efficacy and toxicity of sulphasalazine, in rheumatoid arthritis 831
ADAMS D and SWANSON S A V Direct measurement of local pressures in the cadaveric human hip joint during simulated level walking 658
ADAMSON A R *see* MORRIS J A *et al*
Adult-onset Still's disease, and hypercalcaemia, possible relationship with rapidly destructive polyarthritis: case report 345
AGNESI A *see* VITALI C *et al*
AHERN M *see* BLAKE D R *et al*
AHERN M J *see* GORDON T P *et al*
Air pouch, rat, effect of blood on antigen induced inflammation 485
AL-BALAGHI S, STRÖM H and MÖLLER E Effect of drug therapy on circulating and synovial fluid Ig-secreting cells in rheumatoid arthritis 232
ALBERT D *see* MIEHLE W *et al*
ALCALAY M *see* MASSON G *et al*
Alcohol consumption, in rheumatoid arthritis, clinical and laboratory studies 163
ALEGRIA J GARCIA- *see* GARCIA-ALEGRIA J
Alkaline phosphatase and γ-glutamyltransferase, in polymyalgia rheumatica and giant cell arteritis: correspondence 644
ALLAN D A *see* REGINATO A J *et al*
ALS O S, GOTFREDSON A, RIIS B J and CHRISTIANSEN C Are disease duration and degree of funcional impairment determinants of bone loss in rheumatoid arthritis? 406
Amino acid transport in acute inflammatory arthritis, alteration by articular cartilage 477
AMOR B *see* KAHAN A *et al*
AMOS R S *see* BAX D E and AMOS R S
Amyloid arthropathy: editorial 727
Amyloid A
  amyloidosis as secondary disease questioned: case report 273
  subtypes serum, in acute and chronic inflammatory conditions 711
Anaemia with rheumatoid arthritis, stimulation of bone marrow erythropoiesis by T lymphocytes 220
Analgesics in rheumatoid arthritis 27
ANDERSON D C *see* DEWIS P *et al*
Ankylosing spondylitis
  and arthritis of middle ear: correspondence 141
  with cauda equina syndrome: case report 277
  circulating hyaluronate, relationship to inflammatory activity and effect of corticosteroid therapy 83
  diagnosis from radioisotope bone scans, application of Bayes' theorem 667
  with different patterns of joints involvement, HLA-DR4 in 39
  IgA serum levels, prospective study 766
  palaeopathology 113
  prevalance, young middle age, Trømso 359
  and Reiter's syndrome, influence of trauma on initiation: correspondence
  spinal, variant or distinct disease unity 368
  and trauma, medico-legal implications 307
Annals of the Rheumatic Diseases becomes monthly publication: editorial 1
ANSELL B M *see* BERNSTEIN R M *et al*
SAMBROOK P N *et al*
WILLIAMS R A and ANSELL B M
Antibodies, synthesis, in knee joint arthritis 734
Anticardiolipin antibody, recurrent thrombosis and warfarin withdrawal 823
Anticollagen molecules, serum, fine specificity in experimental immune synovitis 328
Anti-dsDNA detection as diagnostic tool, prospective study in 441 non-systemic lupus erythematosus patients with anti-dsDNA antibody (anti-dsDNA) 245: correspondence 573
Antigen induced inflammation, effect of blood, air pouch, rat 485
Antikeratin antibodies in rheumatoid arthritis 450: and infectious mononucleosis 446
Antinuclear antibodies and serum immune complexes in systemic sclerosis 89
Antiphospholipid antibodies, possible pathogenetic role in lupoid sclerosis: case report 281
Anti-Ro(SSA) positive rheumatoid arthritis, D-penicillamine side effects 215
Aortic and mitral regurgitation, in Behçet's syndrome: case report 637
Apolipoprotein CII levels in gout 390
ARNALICH F *see* PEÑA J M *et al*
ARQUÉS M SOLÉ- *see* SOLÉ-ARQUÉS M
Arteritis, giant cell, and polymyalgia rheumatica, alkaline phosphatase and γ-glutamyltransferase in: correspondence 644
Arthritis
  carrageenin-induced. VI. Alterations in amino acid

transport by articular cartilage in acute inflammatory arthritis 477
cause, lymphocytes from site of disease but no blood lymphocytes indicating 701
and coeliac disease 592
gonococcal, unusual presentation as pseudothrombophlebitis: case report 354
inflammatory, synovial fluid mast cells and cytophagocytic mononuclear cells 312
knee joint, antibodies, synthesis 734
middle ear, in ankylosing spondylitis: correspondence 141
rheumatoid, *see* Rheumatoid arthritis
septic, due to *Histoplasma capsulatum*, in leukaemia: case report 128
treatment, role of steroids: conference report 642
Arthroplasty, MacIntosh, rheumatoid knee, 10 year follow up 738
Arthropathy, amyloid *see* Amyloid arthropathy
Articular manifestations, familial hypercholesterolaemia 599
Ascites, in systemic lupus erythematosus 778
Asherson R A, Chan J H K, Harris E N, Gharavi A E and Hughes G R V Anticardiolipin antibody, recurrent thrombosis, and warfarin withdrawal 823
Astbury C *see* Hopkins R *et al*
Aurothiomalate
in palindromic rheumatism, in two non-identical brothers with identical HLA including DR4 202
sodium, inhibitory effect on chronic inflammatory model in the rat: correspondence 211
for prolonged control of rheumatoid arthritis, compared with sulphasalazine 194
see also Gold therapy
Autoantibodies
in childhood scleroderma 503
in rheumatoid arthritis and infectious mononucleosis 446
Autoimmune diseases, common IgA and IgM rheumatoid factor idiotypes in 155
Autologous mixed lymphocyte reaction, correlation of disease activity and drug therapy, in rheumatoid arthritis 224
Azapropazone therapy, and blood dyscrasia: correspondence 286, 645

Bacon P A *see* Farr M *et al*
Struthers G R *et al*
Yoshind S *et al*
Balaghi, S Al- *see* Al-Balaghi S
Baldassare A R *see* Speiser J C *et al*
Ballou S P *see* Herbst C G *et al*
Bamji A Combination therapy in rheumatoid arthritis: correspondence
Bampton J L M, Cawston T E, Kyle M V and Hazleman B L Measurement of rheumatoid factors by an enzyme-linked immunosorbent assay (ELISA) and comparison with other methods 13
Barado E Bergadá- *see* Bergadá-Barado E
Barbado F J *see* Peña J M *et al*
Bardin T, Legrand L, Naveau B N, Marcelli-Barge A, Debeyre N, Lathrop G M, Poirier J C, Schmid M, Ryckewaert A and Dryll A HLA antigens and seronegative rheumatoid arthritis 50
Barge A Marcelli- *see* Marcelli-Barge A
Barnes C G *see* Murray N *et al*
Barraclough D *see* Brand C *et al*
Barzilay J *see* Ilfeld D *et al*
Bassat M Ben- *see* Ben-Bassat M
Bassett L W, Gold R H and Mirra J M Rheumatoid bursitis extending into the clavicle and to the skin surface: case report 336
Bax D E and Amos R S Sulphasalazine: a safe, effective agent for prolonged control of rheumatoid arthritis. A comparison with sodium aurothiomalate 194
Bayes' theorem, application to diagnosis of ankylosing spondylitis from radioisotope bone scans 667
Beer M *see* Revell P A *et al*
Begliomini E *see* Vitali C *et al*
Behçet's syndrome
mitral and aortic regurgitation: case report 637
negative anticardiolipin antibodies and vascular complications: correspondence 725
Belch J *see* Mohrland J S *et al*
Bellamy N *see* Grant E N *et al*
Ben-Bassat M *see* Ilfeld D *et al*
Bene M-C *see* Faure G *et al*
Bergadá-Barado F *see* Muñoz-Gómez A *et al*
Bergroth V *see* Konttinen Y T *et al*
Nordström D *et al*
Bernstein R M, Pereira R S, Holden A J, Black C M, Howard A and Ansell B M Autoantibodies in childhood scleroderma 503
Bertfield H *see* Bromley M *et al*
Betts W H *see* McNeil J D *et al*
Bhoola K D *see* Matthews R W *et al*
Bianchi G *see* Crovato F *et al*
Binder A I, Hazleman B and Tudor F Frozen shoulder: correspondence 805
Bird H The role of steroids in the treatment of arthritis: conference report 642
see also Neumann V *et al*
Bird H A *see* Hill J *et al*
Hopkins R *et al*
Black C M *see* Bernstein R M *et al*
Blake D R, Lunec J, Ahern M, Ring E F J, Bradfield J and Gutteridge J M C Effect of intravenous iron dextran on rheumatoid synovitis 183: correspondence reply 572
Winyard P, Scott D G I, Brailsford S, Blann A and Lunec J Endothelial cell cytotoxicity in inflammatory vascular diseases—the possible role of oxidised lipoproteins 176
see also Yoshino S *et al*
Blann A *see* Blake D R *et al*
Block S R Systemic lupus erythematosus: correspondence 573
Blood dyscrasia, and azapropazone therapy: correspondence 286, 645
Bolton C H *see* Macfarlane D G *et al*
Bombardieri S *see* Vitali C *et al*

Bone
disease, metabolic, in rheumatoid arthritis and osteoarthritis: correspondence 283
marrow erythropoiesis, stimulation by T lymphocytes of anaemia with rheumatoid arthritis 220
mineral turnover, and disease duration in rheumatoid arthritis 406
turnover, early rheumatoid arthritis. 1. Biochemical and kinetic indexes 575: 2. Longitudinal bone density studies 580
BONNER B *see* PROUSE P J *et al*
BONNIE M E *see* CHANTLER J K *et al*
BONTOUX D *see* MASSON G *et al*
BOOK REVIEWS
BARRETT J and GOLDING D N The practical treatment of backache and sciatica 1984 670
BIRD H A, LE GALLEZ P and HILL J Combined care of the rheumatic patient 1985 753
COCHRANE G M and WILSHERE E R Equipment for the disabled: personal care, 5th edn. 1985 429
CYRIAX J and COLDHAM M Textbook of orthopaedic medicine. vol. 2. Treatment by manipulation, message and injection 1984 358
DECKER J and SCOTT T *editors* Perspectives in rheumatology 1984 746
DONCASTER HEALTH AUTHORITY Rheumatoid arthritis: helping yourself 1985 710
GALASKO S B and WEBER D A *editors* Radionuclide scintigraphy in orthopaedics 1984 429
GALDI A P Diagnosis and management of muscle disease 1984 214
GATTER R A A practical handbook of joint fluid analysis 1984 733
GLASGOW E F, TWOMEY L W, SCULL E R, KLEYNHANS A M and IDCZAK R M *editors* Aspects of manipulative therapy, 2nd ed. 1984 751
GODDARD D and BUTLER R *editors* Rheumatoid arthritis: the treatment controversy 1984 430
GRENNAN D M Rheumatology 1984 70
HALL A J and STENNER RW Manual of fracture bracing 1985 657
HART F D and KLINENBERG J R *editors* Choosing NSAID therapy 1985 779
HAWKINS C and SORGI M *editors* Research. How to plan, speak and write about it 1985 771
HUSKISSON E C Clinics in rheumatic diseases. Antirheumatic drugs III 1984 670
KELLEY W M, HARRIS E D, RUDDY S and SLEDGE C B *editors* Textbook of rheumatology. 2nd edn. 1985 700
LAMBERT P H, PERRIN L and IZUI S Recent advances in systemic lupus erythematosus 1984 741
LENOX E S *editor* Clinical application of monoclonal antibodies 1984 657
LING R S M *editor* Complications of total hip replacement 1984 429
MCCARTY D J *editor* Arthritis and allied conditions. 10th edn. 1985 693
MILLER M C, WESTPHAL M C and REIGART J R Mathematical models in medical diagnosis 1981 693
OTTERNESS I, CAPETOLA R and WONG S *editors* Therapeutic control of inflammatory diseases. Advances in inflammation research. vol. 7. 1984 70
PANAYI G S and DAVID C S *editors* Immunogenetics 1984 429
POPE M H, FRYMOYER J W and ANDERSON G *editors* Occupational low back pain 1984 760
ROTH S H *editor* Drug therapy in rheumatology 1985 777
WEISSMANN G Advances in inflammation research, vol. 8. 1984 214
WYNN PARRY C B *editor* Clinics in rheumatic diseases. The hand. Vol. 10, No. 3. 1984 675
ZIFF M and COHEN S B *editors* Advances in inflammation research. Vol. 9. The spondyloarthropathies 1985 789
BOUCHER B J *see* REVELL P A *et al*
BOURNE J T, KUMAR P, HUSKISSON E C, MAGEED R, UNSWORTH D J and WOJTULEWSKI J A Arthritis and coeliac disease 592
Bowel infarction, secondary to rheumatoid disease, and complete heart block: case report 425
BRADFIELD J *see* BLAKE D R *et al*
BRADLEY J *see* ROBERTS-THOMSON P J *et al*
BRADLOW A and MOWAT A G Alcohol consumption in arthritic patients: clinical and laboratory studies 163
BRAILSFORD S *see* BLAKE D R *et al*
BRAND C, WARREN R, LUXTON M and BARRACLOUGH D Cryptococcal sacroiliitis: case report 126
BRERETON J D *see* O'CONNOR P *et al*
BRESNIHAN B *see* HANLY J G and BRESNIHAN B
BRIDGER S *see* MARTIN J R *et al*
BRIDTS C H *see* DE CLERCK L S *et al*
BROMLEY M, BERTFIELD H, EVANSON J M and WOOLLEY D E Bidirectional erosion of cartilage in the rheumatoid knee joint 676
Brucellosis, tissue typing 526
BRUN D *see* MATHON C *et al*
Brushite crystals, phagocytosis by pig neutrophils 54
BUCHANAN K D *see* TODD G R G *et al*
BUCHANAN W W *see* GRANT E N *et al*
Bufexamac crystals, in synovial fluid analysis: correspondence 357
BUISÁN E LLOPART- *see* LLOPART-BUISÁN E
BUNGE M *see* MIEHLE W *et al*
BURGIO G R and MARTINI A Interleukin production in juvenile chronic arthritis: correspondence 723
BUSSON M *see* PERRIER P *et al*
BUTLER R C, DIEPPE P A and KEAT A C S Calcinosis of joints and periarticular tissues associated with vitamin D intoxication: case report 494
BYERS S, HANDLEY C J, LOWTHER D A and SRIRATANA A Carrageenin-induced arthritis. VI. Alterations in amino acid transport by articular cartilage in acute inflammatory arthritis 477
BYWATERS E G L A test for carpal tunnel effusion 355

C6 deficiency and rheumatic disease: case report 716
C-reactive protein, serum, measurement in detection of

intercurrent infection in Oriental patients with systemic lupus erythematosus 260
Calcinosis of joints and periarticular tissues, and vitamin D intoxication: case report 494
Calcium absorption, rheumatoid arthritis 585
CALIN A *see* LOWTHIAN P J and CALIN A
CALMAN K C *see* MCGILL P E and KALMAN K C
CAMPBELL R R, HAWKINS S J, MADDISON P J and RECKLESS J P D Limited joint mobility in diabetes mellitus 93
CAPELL H A *see* LARKIN J G *et al*
MADHOK R *et al*
PULLAR T and CAPELL H A
PULLAR T *et al*
CARETTE S *see* KLIPPEL J H *et al*
Carpal tunnel effusion, test for: clinical vignette 355
Carrageenin-induced arthritis. VI. Alterations in amino acid transport by articular cartilage in acute inflammatory arthritis 477
CARROLL G J Porcine catabolin stimulates prostaglandin E_2 secretion but does not affect intracellular cyclic AMP production in pig synovial fibroblasts 631
Cartilage, bidirectional erosion, in rheumatoid knee joint 676
Catabolin, porcine, stimulates prostaglandin E_2 secretion 631
CATS A *see* DE CLERCK L S *et al*
Cauda equina syndrome, progressive, and extensive calcification-ossification, lumbosacral meninges: case report 277
CAWLEY M I D *see* WALTERS M T *et al*
CAWSTON T E *see* BAMPTON J L M *et al*
Ceftazidime, parenteral and intra-articular, for pseudomonas arthritis treatment: case report 499
Cervical
cord compression, in rheumatoid arthritis, surgical treatment 809
spine, rheumatoid subluxations 807
symptomatic intravertebral disc herniation (Schmorl's node): case report 857
CHAMBERS R E *see* HUTTON C W *et al*
CHAN J K H *see* ASHERSON R A *et al*
CHANTLER J K, DA ROZA D M, BONNIE M E, REID G D and FORD D K Sequential studies on synovial lymphocyte stimulation by rubella antigen, and rubella virus isolation in an adult with persistent arthritis: case report 564
CHARLES P J *see* VENABLES P J W *et al*
Cheiroarthropathy, in adult non-insulin-dependent diabetes: correspondence 141
CHELLINGSWORTH M and SCOTT D G I Acute systemic lupus erythematosus with fatal pneumonitis and disseminated intravascular coagulation: case report 67
CHEUNG H S *see* MCCARTY D J and CHEUNG H S
CHIRAS C D *see* TSIANOS E B *et al*
Chondrolysis, idiopathic, hip: case report and review of literature 268
CHRISTIANSEN C *see* ALS O S *et al*
Chrysotherapy, and thrombocytopenia 589
Chylous knee effusion, traumatic: case report 793
CIMMINO M A *see* CROVATO F *et al*
Circulating immune complexes
containing secretory IgA in jejunoilial bypass disease 239
and rheumatoid arthritis, assay methods 79
CLARK B *see* GIBSON T and CLARK B
Clavicle and skin surface, rheumatoid bursitis extending into: case report 336
CLAYTON C B *see* DIFFEY B L *et al*
CLEGG D O, ZONE J J, SAMUELSON C O and WARD J R Circulating immune complexes containing secretory IgA in jejunoileal bypass disease 239
CLELAND L G *see* MCNEIL J D *et al*
CLERCK L S DE *see* DE CLERCK L S
COATES E *see* WALKER D J *et al*
Coeliac disease, and arthritis 592
COHEN R D *see* REVELL P A *et al*
COKER S O SOWEMIMO- *see* SOWEMIMO-COKER S O
COLACO C B *see* YOUINOU P *et al*
Cold stress testing, thermographic response 73
Collagen
immune response, in rheumatic disease 328
structural gene α_1(II), exclusion as mutant locus in type II Ehlers-Danlos syndrome 431
COLLINS A J *see* HUTTON C W *et al*
Combination therapy for non-Hodgkin's lymphoma leading to remission of rheumatoid arthritis being treated with D-penicillamine: case report 556
Complement and neutrophil function, rheumatoid arthritis 514
Complete heart block and bowel infarction secondary to rheumatoid disease: case report 425
CONDE J *see* IZQUIERDO M *et al*
Connective tissue disease, salivary secretion, man 20
CONSTANTOPOULOS S H *see* MOUTSOPOULOS H M *et al*
Contraceptive pill, and pulmonary hypertension in systemic lupus erythematosus: case report 266
CORBETT M Knee pain: clinical vignette 800
Corrections 502
CORRESPONDENCE
A rheumatological dilemma 571
Alkaline phosphatase and γ-glutamyltransferase in polymyalgia rheumatica and giant cell arteritis 644
Antibodies to peptidoglycan in spondylarthritis 285
Arthritis of the middle ear in ankylosing spondylitis 141
Blood dyscrasia associated with azapropazone therapy 286, 645
Bufexamac crystals in synovial fluid analysis 357
Combination therapy in rheumatoid arthritis
Detection of anti-dsDNA as a diagnostic tool 573
Diabetic cheiroarthropathy in adult non-insulin-dependent diabetes 141
Free thiomalate levels in rheumatoid arthritis 213
Frozen shoulder 805
Hypogammaglobulinaemia associated with gold therapy 212
Hypogammaglobulinaemia and thrombocytopenia associated with sulphasalazine therapy in rheumatoid arthritis 723
IgG monoclonal gammopathy in four patients with polymyalgia rheumatica 501

Influence of trauma on initiation of Reiter's syndrome and ankylosing spondylitis
Inhibitory effect of sodium aurothiomalate on a chronic inflammatory model in the rat 211
Interleukin production in juvenile chronic arthritis 723
Intravenous iron in the treatment of rheumatoid arthritis 572
The lupus anticoagulant, pulmonary thromboembolism, and fatal pulmonary hypertension 357
Lyme disease in Italy, first reported case 570
Mepacrine induced hepatitis
Metabolic bone disease in rheumatoid arthritis and osteoarthritis 283
Negative anticardiolipin antibodies and vascular complications in Behçet's syndrome 725
Non-steroidal anti-inflammatory drugs and adverse renal effects 212
Pain and rheumatoid arthritis 805
Piroxicam induced acute renal failure (anuria) 356
Piroxicam induced lithium toxicity 502
Recurrent rheumatic fever in adults
Rupture of the spleen in rheumatoid arthritis 142
Salivary scanning in rheumatoid arthritis 71
Seatone in rheumatoid arthritis 645
Shoulder-hand syndrome in patients with ovarian carcinoma 72
Still's disease and haemophagocytic syndrome 806
Synovial fluid mast cells 724
Systemic lupus erythematosus 573
Systemic lupus erythematosus (SLE) and thymoma 502
Unusual case of childhood dermatomyositis 356
Use of D-penicillamine in osteoarthrosis 284

Corticosteroid therapy, effect on circulating hyaluronate in rheumatoid arthritis and relationship to inflammatory activity 83

COSTELLO R *see* MOUTSOPOULOS H M *et al*

CRISP A J Synovial fluid mast cells: correspondence 724

CROCKARD H A, ESSIGMAN W K, STEVENS J M, POZO J L, RANSFORD A O and KENDALL B E Surgical treatment of cervical cord compression in rheumatoid arthritis 809

Cross reactive rheumatoid factors, and non-histone nuclear proteins 287

CROSS S M and HAZELTON R A Correlation of disease activity and drug therapy with the autologous mixed lymphocyte reaction in rheumatoid arthritis 224

CROVATO F, NAZZARI G, FUMAROLA D, ROVETTA G, CIMMINO M A and BIANCHI G Lyme disease in Italy: first reported case: correspondence 570

Cryptococcal sacroiliitis: case report 126

Crystal deposition disease within a family 544

CUNNINGHAM J *see* FRENCH M A H *et al*

CURREY H L F *see* REVELL P A *et al*

Cushing's syndrome, with suppression of hypothalamic-pituitary-adrenal axis after intra-articular steroid injections: case report 561

Cytomegalovirus and Epstein-Barr virus in rheumatoid arthritis and sicca syndrome, seroepidemiological study 742

Cytophagocytic mononuclear cells, in inflammatory arthritis 312

DA ROZA D M *see* CHANTLER J K *et al*
FORD D K *et al*

DAHL I M S *see* DAHL L B *et al*

DAHL L B, DAHL I M S, ENGSTRÖM-LAURENT A and GRANATH K Concentration and molecular weight of sodium hyaluronate in synovial fluid from patients with rheumatoid arthritis and other arthropathies 817

DARLINGTON L G Does food intolerance have any role in the aetiology and management of rheumatoid disease?: viewpoint 801
Osteonecrosis at multiple sites in a patient with systemic lupus erythematosus: case report 65

DAVIES P G and THOMPSON P W Palindromic rheumatism and Felty's syndrome: case report 640
see also MURRAY N H *et al*

DAVSON J *see* MORRIS J A *et al*

DAWES P T and GHOSH S K Tissue typing in brucellosis 526
PATTRICK M and GREEN J Gonococcal arthritis: an unusual presentation as pseudothrombophlebitis: case report 354

DAWOOD F *see* MADHOK R *et al*

DE CLERCK L S, WESTEDT M L, CATS A, VERMEER B J, WELTEVREDEN E F, BRIDTS C H and STEVENS W J IgE deposition in normal skin of patients with rheumatoid arthritis in relation to clinical and laboratory findings 772

DE LANGE G G *see* SANDERS P A *et al*

DE PUTTE L B A VAN *see* VAN DE PUTTE L B A

DEBEYRE N *see* BARDIN T *et al*

DENMAN A M *see* PELTON B K and DENMAN A M

DENTON J *see* FREEMONT A J and DENTON J

DEQUEKER J *see* VERSTRAETEN A *et al*

Dermatomyositis, childhood, unusual case: correspondence 356

DERUE G *see* HARRIS E N *et al*

DEVEREAUX M D, PARR G R, THOMAS D P P and HAZELMAN B L Disease activity indexes in rheumatoid arthritis; a prospective, comparative study with thermography 434

DEWAR P *see* WALKER D J *et al*

DEWIS P, PRASAD B K, ANDERSON D C and WILLETS S Clinical experience with the use of two diphosphonates in the treatment of Paget's disease 34

Dextran, iron, intravenous effect on rheumatoid synovitis 183

DHAL I M S and HUSBY G Hyaluronic acid production in vitro by synovial lining cells from normal and rheumatoid joints 647

Diabetes mellitus
limited joint mobility 93
non-insulin-dependent, adult, cheiroarthropathy in: correspondence 141

DICK H M *see* MADHOK R *et al*

DICK W C *see* WALKER D J *et al*

DIEPPE P A *see* BUTLER R C *et al*
DOHERTY M and PIEPPE P A

HUTTON C W *et al*
MACFARLANE D G *et al*
ROGERS J *et al*
DIFFEY B L, PAL B, GIBSON C J, CLAYTON C B and GRIFFITHS I D Application of Bayes' theorem to the diagnosis of ankylosing spondylitis from radioisotope bone scans 667
Diltiazem in Raynaud's phenomenon, randomised double-blind trial 30
Diphosphonates, in Paget's disease, clinical experience 34
Disease activity indexes, rheumatoid arthritis, thermography studies 434
Disseminated intravascular coagulation and fatal pneumonitis, and acute systemic lupus erythematosus: case report 67
DIXON A ST J Small muscle wasting: clinical vignette 500
DIXON J *see* NEUMANN V *et al*
DNA antibodies, ELISA assays, SLE 507
DOHERTY M and DIEPPE P A Multiple micro-crystal deposition within a family 544
DORNER R W *see* SPEISER J C *et al*
DROSOS A A *see* MOUTSOPOULOS H M *et al*
TSIANOS E B *et al*
Drug therapy
autologous mixed lymphocyte reaction and rheumatoid arthritis 224
effect on Ig-secreting cells 232
DRYLL A *see* BARDIN T *et al*
DUTHIE J J R Intravenous iron in the treatment of rheumatoid arthritis: correspondence 572
DYER P A *see* SANDERS P A *et al*

EALES L-J, GOULDING N J, HALL N D, WINROW V R and HUNNEYBALL I M Lymphocytes bearing Fcα receptors in rheumatoid arthritis. III. Immunoregulatory function associated with Facb rosette-forming cells 8
see also WINROW V R *et al*
Ear, middle, arthritis of, and ankylosing spondylitis: correspondence 141
EBONG W W Osteoarthritis of the knee in Nigerians 682
EDGREN J *see* LAMMINEN A *et al*
EFTHIMIOU J, HARRIS E N and HUGHES G R V Negative anticardiolipin antibodies and vascular complications in Behçet's syndrome: correspondence 725
Ehlers-Danlos syndrome, type II, exclusion of α_1(II) collagen structural gene as mutant locus 431
EHNHOLM C *see* MAURY C P J *et al*
ELISA assays for antibodies to DNA in SLE 507
ELKON K B *see* GHARAVI A E *et al*
ELMGREEN J and HANSEN T M Subnormal sensitivity of neutrophils to complement split product C5a in rheumatoid arthritis: relation to complement catabolism and disease extent 514
Endothelial cell cytotoxicity, in inflammatory vascular diseases, possible role of oxidised lipoproteins 176
ENGSTRÖM-LAURENT A, FELTELIUS N, HÄLLGREN R and WASTESON Å Raised serum hyaluronate levels in scleroderma: an effect of growth factor induced activation of connective tissue cells? 614
and HÄLLGREN R Circulating hyaluronate in rheumatoid arthritis: relationship to inflammatory activity and the effect of corticosteroid therapy 83
see also DAHL L B *et al*
Enzyme-linked immunosorbent assay (ELISA), for rheumatoid factor measurement, and comparison with other methods 13
Epidemiological survey, ankylosing spondylitis, Trømso 359
Epstein-Barr virus
and cytomegalovirus, in rheumatoid arthritis and sicca syndrome, seroepidemiological study 742
infections in vitro, abnormal responses of rheumatoid arthritis lymphocytes, evidence for multiple defects 462
ERWIN L *see* GREEN S T *et al*
Erythrocyte deformity, and plasma/serum in systemic sclerosis 395
ESKOLA J *see* SOPPI E *et al*
ESSIGMAN W K *see* CROCKARD H A *et al*
Etretinate (Tigason) and ibuprofen, in psoriatic arthritis, double-blind controlled trial 189
EULAR symposium, Rome, October 1986, announcement 286
European Society of Osteoarthrology, XVth Symposium, Kuopio, Finland, June 1986, announcement 286
EVANS H B, JOHNSON P M, PHUA K K, HART C A and PERKINS H R Antibodies to peptidoglycan in spondyloarthritis: correspondence 285
EVANSON J M *see* BROMLEY M *et al*
EWING D J *see* HOYLE C *et al*

FARR M, SYMMONS D P M and BACON P A Raised serum alkaline phosphatase and aspartate transaminase levels in two rheumatoid patients treated with sulphasalazine: case report 798
TUNN E, BACON P A and SMITH D H Hypogammaglobulinaemia and thrombocytopenia associated with sulphasalazine therapy in rheumatoid arthritis: correspondence 723
FAURE G, NETTER P and BENE M-C Silicon-containing particles in synovial fluid: scanning electron microscopy coupled with analytical techniques allows an easy identification and differentiation from pathologically relevant crystals 148
Fcα receptors, lymphocytes bearing, in rheumatoid arthritis. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA, 2: III. Immunoregulatory function associated with Facb rosette-forming cells 8
FELDMAN E *see* REGINATO A J *et al*
FELTELIUS N *see* ENGSTRÖM-LAURENT A *et al*
Felty's syndrome, and palindromic rheumatism: case report 640
Femoral condylar cartilage surface after anterior cruciate ligament division, SEM, canine 321
FENG P H *see* HIND C R K *et al*
FERNANDEZ F GARCIA- *see* GARCIA-FERNANDEZ F
Fibroblasts
cultured, mapping of proteins by high resolution two-dimensional polyacrylamide gel electrophoresis 302

synovial, intracellular cAMP production, effect of porcine catabolin 631
prostaglandin E_2 generation by 316
Fibrositis, and imipramine, therapeutic trial 752
Fingers, congenital contractural deformities, and arthropathy 826
Fischer A *see* Prieur A M *et al*
Fleming A Salivary scanning in rheumatoid arthritis: correspondence 71
Food intolerance and rheumatoid disease: viewpoint 801
Ford D K, Da Roza D M and Schulzer M Lymphocytes from the site of disease but not blood lymphocytes indicate the cause of arthritis 701
see also Chantler J K *et al*
Fordham J N *see* Murray N H *et al*
Fossaluzza V *see* Rossi P and Fossaluzza V
Foster S *see* Sambrook P N *et al*
Fox D A *see* Lipson S J *et al*
Fractures, multiple, and geode development, in rheumatoid arthritis: case report 130
Franssen M J A M, Van de Putte L B A and Gribnau F W J IgA serum levels and disease activity in ankylosing spondylitis: a prospective study 766
Fraser F C *see* Martin J R *et al*
Freemont A J and Denton J Disease distribution of synovial fluid mast cells and cytophagocytic mononuclear cells in inflammatory arthritis 312: correspondence reply 724
French M A H, Harrison G, Penning C A, Cunningham Hughes P and Rowell N R Serum immune complexes in systemic sclerosis: relationship with precipitating nuclear antibodies 89
Friedman R M *see* Klippel J H *et al*
Friesen W T, Hekster Y A, Van de Putte L B A and Gribnau F W J Cross-sectional study of rheumatoid arthritis treatment in a university hospital 372
Friman C *see* Konttinen Y T *et al*
Froeling P G A *see* Wouters J M G W *et al*
Frozen shoulder: correspondence 805
Fumarola D *see* Crovato F *et al*

Gagné C *see* Mathon G *et al*
Garcia-Alegria J *see* Peña J M *et al*
Garcia-Fernandez F *see* Peña J M *et al*
Gardner D L Geode: crystal-containing cavity, lymph space, or pseudocyst: viewpoint 569
see also O'Connor P *et al*
Gaucher A *see* Perrier P *et al*
Geode
crystal-containing cavity, lymph space, or pseudocyst: viewpoint 569
development and multiple fractures, in rheumatoid arthritis: case report 130
Georgilis K A *see* Mavrikakis M E *et al*
Gerster J C and Lagier R Acute synovitis with intra-articular apatite deposits in an osteoarthritic metacarpophalangeal joint: case report 207
Geusens P *see* Verstraeten A *et al*
Gharavi A E, Patel B M, Hughes G R V and Elkon K B Common IgA and IgM rheumatoid factor idiotypes in autoimmune disease 155
see also Asherson R A *et al*
Harris E N *et al*
Ghosh S K *see* Dawes P T and Ghosh S K
Gibb W, Isenberg D A and Snaith M L Mepacrine induced hepatitis: correspondence
Gibson C J *see* Diffey B L *et al*
Gibson R G and Gibson S L M Seatone in rheumatoid arthritis: correspondence 645
Gibson S L M *see* Gibson R G and Gibson S L M
Gibson T and Clark B Use of simple analgesics in rheumatoid arthritis 27
Gilmore P *see* Maw R D and Gilmore P
Glennås A, Thorsrud A K, Rugstad H E and Jellum E Mapping of proteins from cultured fibroblasts of synovial and subcutaneous origin by high resolution two-dimensional polyacrylamide gel electrophoresis 302
γ-Glutamyltransferase, in polymyalgia rheumatica and giant cell arteritis: correspondence 644
Gm and Km allotypes, in rheumatoid arthritis 529
Goff P Le *see* Le Goff P
Gold R H *see* Bassett L W *et al*
Gold therapy, and hypogammaglobulinaemia: correspondence 212
Goldberg V M *see* Kresina T F *et al*
Gomeź E Pascual *see* Pascual-Gomeź E
Gómez J Muñoz *see* Muñoz-Gómez J
Gómez-Pérez R *see* Muñoz-Gómez J *et al*
Gómez-Reino J J *see* Izquierdo M *et al*
Gonococcal arthritis, unusual presentation as pseudothrombophlebitis: case report 354
Gordon T P, Ahern M J, Reid C and Roberts-Thomson P J Studies on the interaction of rheumatoid factor with monosodium urate crystals and case report of coexistent tophaceous gout and rheumatoid arthritis 384
Gotfredsen A *see* Als O S *et al*
Goulding N J *see* Eales L-J *et al*
Winrow V R *et al*
Gout
apolipoprotein CII levels 390
and rheumatoid arthritis, coexistent, and study of rheumatoid factor and monosodium urate crystal intereaction 384
Grace E M *see* Grant E N *et al*
Grahame R *see* Mims C A *et al*
Gran J T, Husby G and Hordvik M Prevalence of ankylosing spondylitis in males and females in a young middle-aged population of Trømso, northern Norway 359
Spinal ankylosing spondylitis: a variant form of ankylosing spondylitis or a distinct disease entity? 368
Granados J *see* Rotés-Querol J *et al*
Granath K *see* Dahl L B *et al*
Grant E N, Bellamy N, Buchanan W W, Grace E M and O'Leary S Statistical reappraisal of the clinical significance of nail beading in rheumatoid arthritis 671
Green J *see* Dawes P T *et al*

GREEN S T, MCMILLAN H and ERWIN L Blood dyscrasia associated with azapropazone therapy: correspondence 286
GRENNAN D M *see* SANDERS P A *et al*
GRIBNAU F W J *see* FRANSSEN M J A M *et al*
FRIESEN W T *et al*
GRIFFITHS I D *see* DIFFEY B L *et al*
WALKER D J *et al*
GRIFFITHS M *see* WALKER D J *et al*
GRIFFITH P D *see* VENABLES P J W *et al*
GRIGOR R R *see* KIDD B L *et al*
GRIMLEY P M *see* KLIPPEL J H *et al*
GRISCELLI C *see* PRIEUR A M *et al*
Growth factor, platelet-derived, in enhancement of hyaluronate synthesis, scleroderma 614
GUGGENHEIM S J *see* O'DELL J R *et al*
GUMPEL J M *see* PROUSE P J *et al*
SAMBROOK *et al*
GUTTERIDGE J M C *see* BLAKE D R *et al*

Haemophagocytic syndrome
Still's disease and Coxsackie infection: case report 341
virus-associated, and Still's disease: case report 349
Haemophagocytic syndrome, and Still's disease: correspondence 806
HAGMAN G *see* KONTTINEN Y T *et al*
HAIRE M *see* TODD G R G *et al*
HAKOLA M *see* HANNONEN P *et al*
HALL N D *see* EALES L-J *et al*
WINROW V R *et al*
HÄLLGREN R *see* ENGSTRÖM-LAURENT A and HÄLLGREN R
ENGSTRÖM-LAURENT A *et al*
HALLIDAY G M, SALAMAN M R, SEIFERT M H, JOHNSON K J and MALCOLM A D B Evaluation of an ELISA system for determination of class-specific antibodies to native and denatured DNA in man 507
HÄMÄLÄINEN M *see* KONTTINEN Y T *et al*
HANDLEY C J *see* BYERS S *et al*
HANLY J G and BRESNIHAN B Reduction of peripheral blood lymphocytes in patients receiving gold therapy for rheumatoid arthritis 299
HANNONEN P, HAKOLA M and OKA M Palindromic rheumatism in two non-identical brothers with identical HLA including DR4 202
HANSEN T M *see* ELMGREEN J and HANSEN T M
HARDIE R J and ISENBERG D A Tetraplegia as a presenting feature of systemic lupus erythematosus complicated by pulmonary hypertension: case report 491
HARRIS E N, GHARAVI A E, MACKWORTH-YOUNG C G, PATEL B M, DERUE G and HUGHES G R V Lupoid sclerosis: a possible pathogenetic role for antiphospholipid antibodies: case report 281
see also ASHERSON R A *et al*
EFTHIMIOU J *et al*
HARRISON G *see* FRENCH M A H *et al*
HART C A *see* EVANS H B *et al*
HART H H *see* KIDD B L *et al*
HARTOG M *see* MACFARLANE D G *et al*
HAWKINS S J *see* CAMPBELL R R *et al*
HAY F C *see* REEBACK J S *et al*
HAYS R C *see* O'DELL J R *et al*
HAZELTON R A *see* CROSS S M and HAZELTON R A
HAZELMAN B *see* BINDER A I *et al*
KYLE V *et al*
HAZELMAN B L *see* BAMPTON J L M *et al*
DEVEREAUX M D *et al*
Heart block, complete, and bowel infarction secondary to rheumatoid disease: case report 425
HEATON D C and MOLLER P W Still's disease associated with Coxsackie infection and haemophagocytic syndrome: case report 341
HEKSTER Y A *see* FRIESEN W T *et al*
Hepatitis, mepacrine induced: correspondence
HERBST C G, BALLOU S P and KUSHNER I Recurrent rheumatic fever in adults: correspondence
HESP R *see* SAMBROOK P N *et al*
HESS E V Systemic lupus erythematosus (SLE) and thymoma: correspondence 502
HEWITT S *see* YOSHINO S *et al*
HICKLING P *see* JACOBY R K *et al*
HIGSON F K and JONES O T G Phagocytosis of brushite crystals by pig neutrophils 54
HILL J, BIRD H A, LEATHAM P A and WRIGHT V Use of D-penicillamine in osteoarthrosis: correspondence 284
see also HOPKINS R *et al*
HILTON R C *see* WALTON K *et al*
HILL P A *see* SAMBROOK P N *et al*
HIND C R K, NG S C, FENG P H and PEPYS M B Serum C-reactive protein measurement in the detection of intercurrent infection in Oriental patients with systemic lupus erythematosus 260
Hip joint, local pressures, measurement 658
HIRSCH R S, SMITH K and VERNON-ROBERTS B A morphological study of macrophage and synovial cell interactions with hydroxyapatite crystals 844
Histoplasma capsulatum, causing septic arthritis, in leukaemia: case report 128
HLA antigens
and seronegative rheumatoid arthritis 50
and susceptibility to and severity of rheumatoid arthritis, multicase families 519
and toxic reactions to sodium aurothiopropanol sulphonate and D-penicillamine, in rheumatoid arthritis 621
HLA-B27, ankylosing spondylitis, spinal, variant or distinct disease entity 368
positive diagnosis and triggering infections in reactive arthritis 399
and B27$^-$ lymphocytes, and klebsiella 'modifying factor', binding studies 169
HLA-DR4 in ankylosing spondylitis with different patterns of joint involvement 39
and immunological dependence in SLE, evidence against, identical twins 45
see also Gm and Km allotypes
HOBEIKA C *see* MARTIN J R *et al*
HOLBOROW E J *see* KATAAHA P K *et al*
REEBACK J S *et al*
HOLDEN A J *see* BERNSTEIN R M *et al*
HOLLYWELL C A *see* STRUTHERS G R *et al*
HOLT P J L *see* MORRIS J A *et al*
HOPFER R L *see* JONES P G *et al*

HOPKINS R, BIRD H A, JONES H, HILL J, SURRALL K E, ASTBURY C, MILLER A and WRIGHT V A double-blind controlled trial of etretinate (Tigason) and ibuprofen in psoriatic arthritis 189
see also NEUMANN V *et al*
HORDVIK M *see* GRAN J T *et al*
HORNE C H W *see* MCHARDY K C *et al*
HORT J F Blood dyscrasia associated with azapropazone therapy: correspondence 645
HOSSAIN M A *see* PAL B and HOSSAIN M A
HOUTMAN P M, KALLENBERG C G M, WOUDA A A and THE TH Decreased nailfold capillary density in Raynaud's phenomenon: a reflection of immunologically mediated local and systemic vascular disease? 603
HOWARD A *see* BERNSTEIN R M *et al*
HOWE A, THOMPSON D and WRIGHT V Reference values for metacarpophalangeal joint stiffness in normals 469
HOYLE C, EWING D J and PARKER A C Acute autonomic neuropathy in association with systemic lupus erythematosus: case report 420
HUANG S-N *see* MARTIN J R *et al*
HUGHES A W Idiopathic chondrolysis of the hip: a case report and review of the literature: case report 268
HUGHES G R V *see* ASHERSON R A *et al*
EFTHIMIOU J *et al*
GHARAVI A E *et al*
HARRIS E N *et al*
HUGHES P *see* FRENCH M A H *et al*
HUNNEYBALL I M *see* EALES L-J *et al*
WINROW V R *et al*
HUNSTEIN W *see* SEITZ M and HUNSTEIN W
HUNTER J A *see* PULLAR T *et al*
HUNTER T Hypogammaglobulinaemia associated with gold therapy: correspondence 212
HUSBY G *see* DAHL I M S and HUSBY G
GRAN J T *et al*
HUSKISSON E C *see* BOURNE J T *et al*
HUTTON C W, COLLINS A J, CHAMBERS R E, WHICHER J and DIEPPE P A Systemic response to local urate crystal induced inflammation in man: a possible model to study the acute phase response 533
Hyaluronate
circulating, in rheumatoid arthritis, relationship to inflammatory activity and effect of corticosteroid therapy 83
raised serum levels, scleroderma 614
see also Sodium hyaluronate
Hyaluronic acid
depolymerisation products, after exposure to oxygen-derived free radicals 780
production in vitro by synovial lining cells from normal and rheumatoid joints 647
Hydroxyapatite crystals
macrophage and synovial cell interactions, morphological study 844
in osteoarthritis: case report 207
Hypercalcaemia, and adult-onset Still's disease, possible relationship with rapidly destructive polyarthritis: case report 345
Hypercholesterolaemia, familial, articular manifestations 599
Hyperlipidaemia in gout 390
Hyperostosis, vertebral, palaeopathology 113
Hypertension, pulmonary
complicating tetraplegia with systemic lupus erythematosus: case report 491
pulmonary thromboembolism, and the lupus anticoagulant: correspondence 357
Hypogammaglobulinaemia, associated with gold therapy: correspondence 212

Ibuprofen and etretinate (Tigason), in psoriatic arthritis, double-blind controlled trial 189
ILFELD D, BARZILAY J, VANA D, BEN-BASSAT M, JOSHUA H and PICK I IgG monoclonal gammopathy in four patients with polymyalgia rheumatica: correspondence 501
Imipramine, for fibrositis, therapeutic trial 752
Immune complexes
circulating, containing secretory IgA in jejunoilial bypass disease 239
serum, in systemic sclerosis, relationship with precipitating nuclear antibodies 89
Immunoglobulin A
secretory, and circulating immune complexes, in jejunoilial bypass disease 239
serum levels and ankylosing spondylitis, prospective study 766
Immunoglobulin E deposition in skin in rheumatoid arthritis 772
Immunoglobulin G monoclonal gammopathy, in polymyalgia rheumatica: correspondence 501
Immunoglobulin-secreting cells, circulating and synovial, drug therapy effect, in rheumatoid arthritis 232
Immunosuppression, effects of α-interferon 143
Infections, triggering, in reactive arthritis 399
Infectious mononucleosis, autoantibodies in 446
Inflammation, antigen induced, effect of blood, air pouch, rat 485
Inflammatory
conditions, acute and chronic, serum amyloid A protein (SAA subtypes) 711
vascular diseases, endothelial cell cytotoxicity in, possible role of oxidised lipoproteins 176
Injury causing ankylosing spondylitis, medicolegal implications 307
α-Interferon, immunoregulatory effects 143
Interferon, serum alpha, and lymphocyte inclusions, in systemic lupus erythematosus 104
Interleukin production in juvenile chronic arthritis: correspondence 723
Intra-articular steroid injections, for Cushing's syndrome, suppression of hypothalamic-pituitary adrenal axis after: case report 561
Intravertebral disc herniation (Schmorl's node) in cervical spine: case report 857
Iron, intravenous, in rheumatoid arthritis treatment: correspondence 572
IRVING W L, WALKER P R and LYDYARD P M Abnormal responses of rheumatoid arthritis lymphocytes to Epstein-Barr virus infection in vitro: evidence for multiple defects 462

ISENBERG D A *see* GIBB W *et al*
HARDIE R J and ISENBERG D A
IVERSEN O-J *see* RØDAHL E and IVERSEN O-J
IZQUIERDO M, MATEO I, RODRÍGO M, MENA C, SEBASTIÁN M, CONDE J and GÓMEZ-REINO J J Chronic juvenile toxic epidemic syndrome 98

JACK C M *see* TODD G R G *et al*
JACOBY R K, NEWELL R L M and HICKLING P Ankylosing spondylitis and trauma: the medicolegal implications. A comparative study of patients with non-specific back pain 307
JAYSON M I V *see* MATTHEWS R W *et al*
JEFFERIES T M, LLEWELLYN D H and NOTARIANNI L J Free thiomalate levels in rheumatoid arthritis: correspondence 213
Jejunoilial bypass disease, circulating immune complexes containing secretory IgA 239
JELLUM E *see* GLENNAS A *et al*
JOHNSON K J *see* HALLIDAY G M *et al*
JOHNSON P M *see* EVANS H B *et al*
Joint
  mobility, limited, in diabetes mellitus 93
  stiffness, metacarpophalangeal, reference values for 469
JONES H *see* HOPKINS R *et al*
JONES M K *see* O'SULLIVAN M M *et al*
JONES O T G *see* HIGSON F K and JONES O T G
JONES P G, ROLSTON K and HOPFER R L Septic arthritis due to *Histoplasma capsulatum* in a leukaemic patient: case report 128
JOSHUA H *see* ILFELD D *et al*
Juvenile chronic arthritis: interleukin production: correspondence 723
Juvenile rheumatoid arthritis
  adult onset, and hypercalcaemia, possible relationship with rapidly destructive polyarthritis; case report 345
  onset, and hidden 19S IgM rheumatoid factor, in adults 294
  radiological findings, reference to progression 685
  and virus-associated haemophagocytic syndrome: case reports 341, 349, correspondence 806

KAHAN A, AMOR B and MENKES C J A randomised double-blind trial of diltiazem in the treatment of Raynaud's phenomenon 30
KAINE J L Refractory massive pleural effusion in systemic lupus erythematosus treated with talc poudrage: case report 61
KALLENBERG C G M *see* HOUTMAN P M *et al*
KATAAHA P K, MORTAZAVI-MILANI S M, RUSSELL G and HOLBOROW E J Anti-intermediate filament antibodies, antikeratin antibody, and antiperinuclear factor in rheumatoid arthritis and infectious mononucleosis 446
KEAT A C S *see* BUTLER R C *et al*
KEHAYOGLOU K A *see* MAVRIKAKIS M E *et al*
KEIGHTLEY S J *see* WALTERS M T *et al*
KENDALL B E *see* CROCKARD H A *et al*
KIDD B L, HART H H and GRIGOR R R Clinical features of meningococcal arthritis: a report of four cases 790
KING T T Rheumatoid subluxations of the cervical spine: editorial 807
KIRBY J D T *see* KOVACS I B *et al*
Klebsiella 'modifying factor', binding studies with HLA-B27$^+$ and B27$^-$ lymphocytes 169
KLIPPEL J H, CARETTE S, PREBLE O T, FRIEDMAN R M and GRIMLEY P M Serum alpha interferon and lymphocyte inclusions in systemic lupus erythematosus 104
Knee joint
  arthritis, antibodies, synthesis 734
  chylous effusion due to trauma: case report 793
  osteoarthritis, Nigerians 682
  pain, clinical vignette 800
  rheumatoid, bidirectional erosion of cartilage 676
  and MacIntosh arthroplasty, 10 year follow up 738
KOELMEYER T D *see* WILSHER M *et al*
KONTTINEN Y T, BERGROTH V, NORDSTRÖM D, KOOTA K, SKRIFVARS B, HAGMAN G, FRIMAN C, HÄMÄLÄINEN M and SLÄTIS P Cellular immunohistopathology of acute, subacute, and chronic synovitis in rheumatoid arthritis 549
  see also NORDSTRÖM D *et al*
KOOTA K *see* KONTTINEN Y T *et al*
KOSKIMIES S *see* VALTONEN V V *et al*
KOVACS I B, RUSTIN M H A, THOMAS R H M, RIDLER C, SOWEMIMO-COKER S O and KIRBY J D T Plasma or serum from patients with systemic sclerosis alters behaviour of normal erythrocytes 395
KRESINA T F, ROSNER I A, GOLDBERG V M and MOSKOWITZ R W Fine specificity of serum anticollagen molecules in experimental immune synovitis 328
KUHLBÄCK B *see* LAMMINEN A *et al*
KUMAR P *see* BOURNE J T *et al*
KUSHNER I *see* HERBST C G *et al*
KYLE M V *see* BAMPTON J L M *et al*
KYLE V, PARR G, SALISBURY R, PAGE THOMAS P and HAZELMAN B Prostaglandin E_1 vasospastic disease and thermography 73

LAASONEN L *see* LAMMINEN A *et al*
LACSON A *see* MARTIN J R *et al*
LAGIER R *see* GERSTER J C and LAGIER R
LAMMINEN A, PETTERSSON T, LAASONEN L, KUHLBÄCK B and EDGREN J Radiological progression of rheumatoid arthritis in renal transplant recipients 159
LANGE G G DE *see* DE LANGE G G
LANGHANS T *see* ROBERTS-THOMSON P J *et al*
LARINKARI U *see* VALTONEN V V *et al*
LARKIN J G, CAPELL H A and STURROCK R D Seatone in rheumatoid arthritis: a six-month placebo-controlled study 199: correspondence reply 645
LATHROP G M *see* BARDIN T *et al*
LAURENT A ENGSTRÖM- *see* ENGSTRÖM-LAURENT A
LAWTON L J *see* MARTIN J R *et al*
LE GOFF P *see* YOUINOU P *et al*
LEATHAM P A *see* HILL J *et al*
LEGRAND L *see* BARDIN T *et al*
LEHTONEN A *see* SOPPI E *et al*
LEIRISALO M *see* VALTONEN V V *et al*
LEIRISALO-REPO M *see* NORDSTRÖM D *et al*
Leucocyte function, in rheumatoid arthritis 694

LEWIS P A A rheumatological dilemma: correspondence 571
LINDER C *see* NIVED O *et al*
Lipid liquid crystals, and acute monoarthritis 537
Lipoproteins, oxidised, and endothelial cell cytotoxicity in inflammatory vascular diseases 176
LIPSON S J, FOX D A and SOSMAN J L Symptomatic intravertebral disc herniation (Schmorl's node) in the cervical spine: short report 857
Lithium toxicity, piroxicam induced: correspondence 502
Liver enzyme levels, raised, after sulphasalazine treatment for rheumatoid arthritis: case report 798
LLEWELLYN D H *see* JEFFERIES T M *et al*
LLOPART-BUISÁN E *see* MUÑOZ-GÓMEZ J *et al*
LOPÉZ-RICO J J *see* PASCUAL-GOMEZ E and LOPÉZ-RICO J J
Low back pain, research, Volvo awards, announcement 358
LOWTHER D A *see* BYERS S *et al*
LOWTHIAN P J and CALIN A Geode development and multiple fractures in rheumatoid arthritis: case report 130
LUKKA M *see* MAURY C P J *et al*
Lumbosacral meninges, extensive calification/ossification, and progressive cauda equina syndrome: case report 277
LUNEC J *see* BLAKE D R *et al*
Lung involvement, in Sjögren's syndrome 455
LUPIEN P-J *see* MATHON G *et al*
Lupoid sclerosis, possible pathogenetic role for antiphospholipid antibodies: case report 281
Lupus anticoagulant, pulmonary thromboembolism, and fatal pulmonary hypertension: correspondence 357
LURIE Y *see* WYSENBEEK A J *et al*
LUTALO S K Chronic inflammatory rheumatic diseases in black Zimbabweans 121
LUXTON M *see* BRAND C *et al*
LYDYARD P M *see* IRVING W L *et al*
Lyme disease, Italy, first reported case: correspondence 570
Lymphocytes
  autologous mixed reaction, in rheumatoid arthritis 224
  bearing Fcα receptors in rheumatoid arthritis. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA, 2: III. Immunoregulatory function associated with Facb rosette-forming cells 8
  from site of disease by not blood lymphocytes indicate arthritis cause 701
  peripheral blood, reduction and gold therapy for rheumatoid arthritis 299
  and serum alpha interferon inclusions, in systemic lupus erythematosus 104

MCATEER E J *see* TODD G R G *et al*
MCCARTY D J and CHEUNG H S Prostaglandin (PG) E_2 generation by cultured canine synovial fibroblasts exposed to microcrystals containing calcium 316
MCEVOY R *see* ROBERTS-THOMSON P J *et al*
MACFARLANE D G, MIDWINTER C A, DIEPPE P A, BOLTON C H and HARTOG M Demonstration of an abnormality of C apoprotein of very low density lipoprotein in patients with gout 390
MCGILL P E and CALMAN K C Shoulder-hand syndrome in patients with ovarian carcinoma: correspondence 72
MCHARDY K C, RENNIE J A N, REID T M S and HORNE C H W Detection of anti-dsDNA as a diagnostic tool: correspondence 573
MacIntosh arthroplasty, rheumatoid knee, 10 year follow up 738
MCKENNA F and WRIGHT V Pain and rheumatoid arthritis: correspondence 805
MCKENZIE I F C *see* TRAPANI J A and MCKENZIE I F C
MACKWORTH-YOUNG C G *see* HARRIS E N *et al*
MACLAUGHLIN E A *see* MARTIN J R *et al*
MCMILLAN H *see* GREEN S T *et al*
MCNEIL J D, WIEBKIN O W, BETTS W H and CLELAND L G Depolymerisation products of hyaluronic acid after exposure to oxygen-derived free radicals 780
MADDISON P J *see* CAMPBELL R R *et al*
MOUTSOPOULOS H M *et al*
MADHOK R, PULLAR T, CAPELL H A, DAWOOD F, STURROCK R D and DICK H M Chrysotherapy and thrombocytopenia 589
MAGEED R *see* BOURNE J T *et al*
MAINI R N *see* MASON J C *et al*
REEBACK J S *et al*
VENABLES P J W *et al*
MÄKELÄ P H *see* VALTONEN V V *et al*
MALCOLM A D B *see* HALLIDAY G M *et al*
MALKAMÄKI M *see* VALTONEN V V *et al*
MANGAN F R and THOMSON M J Inhibitory effect of sodium aurothiomalate on a chronic inflammatory model in the rat: correspondence 211
MARCELLI-BARGE A *see* BARDIN T *et al*
MARCUS R W Rupture of the spleen in rheumatoid arthritis: correspondence 142
MARTIN J R, HUNAG S-N, LACSON A, PAYNE R H, BRIDGER S, FRASER F C, NEARY A J, MACLAUGHLIN E A, HOBEIKA C and LAWTON L J Congenital contractural deformities of the fingers and arthropathy 826
MARTINI A and RAVELLI A Unusual case of childhood dermatomyositis: correspondence 356
see also BURGIO G R and MARTINI A
MASON J C, VENABLES P J W, SMITH P R and MAINI R N Characterisation of non-histone nuclear proteins cross reactive with purified rheumatoid factors 287
MASSON G, THOMAS P, BONTOUX D and ALCALAY M Influence of trauma on initiation of Reiter's syndrome and ankylosing spondylitis: correspondence
Mast cells, synovial fluid: correspondence 724
MATEO I *see* IZQUIERDO M *et al*
MATHON G, GAGNÉ C, BRUN D, LUPIEN P-J and MOORJANI S Articular manifestations of familial hypercholesterolaemia 599
MATTHEWS R W, BHOOLA K D, RASKER J J and JAYSON M I V Salivary secretion and connective tissue disease in man 20
MAURY C P J, EHNHOLM C and LUKKA M Serum amyloid A protein (SAA) subtypes in acute and chronic inflammatory conditions 711
TÖRNROTH R and WEGELIUS O Is amyloid A (AA) amyloidosis always secondary?: case report 273

MAVRIDIS A K *see* MOUTSOPOULOS H M *et al*
TSIANOS E B *et al*
MAVRIKAKIS M E, GEORGILIS K A, ZIROYANNIS P N, KEHAYOGLOU K A and MOULOPOULOS S D Piroxicam-induced acute renal failure (anuria): correspondence 356
MAW R D and GILMORE P An unusual case of Reiter's disease: case report 559
MELSON R D *see* VENABLES P J W *et al*
MENA C *see* IZQUIERDO M *et al*
Meningococcal arthritis, clinical features, report of four cases 790
MENKES C J *see* KAHAN A *et al*
Mepacrine induced hepatitis: correspondence
Metacarpophalangeal joint stiffness, reference values for 469
Methylprednisolone, pulsed, combination therapy, in rheumatoid arthritis 747
Microcrystal deposition, multiple, within a family 544
MIDDLETON J F S *see* O'CONNOR P *et al*
MIDWINTER C A *see* MACFARLANE D G *et al*
MIEHLE W, SCHATTENKIRCHNER M, ALBERT D and BUNGE M HLA-DR4 in ankylosing spondylitis with different patterns of joint involvement 39
MIER A and WEIR W Ascites in systemic lupus erythematosus 778
MILANI S M MORTAZAVI- *see* MORTAZAVI-MILANI S M
MILLER A *see* HOPKINS R *et al*
MIMS C A, STOKES A and GRAHAME R Synthesis of antibodies, including antiviral antibodies, in the knee joints of patients with arthritis 734
MIRRA J M *see* BASSETT L W *et al*
Mitral and aortic regurgitation, in Behçet's syndrome: case report 637
MOENS C H R, MOENS D and MOENS P H Bufexamac crystals in synovial fluid analysis: correspondence 357
MOENS D *see* MOENS C H R *et al*
MOENS P H *see* MOENS C H R *et al*
MOHRLAND J S, PORTER J M, SMITH E A, BELCH J and SIMMS M H A multiclinic, placebo-controlled, double-blind study of prostaglandin E_1 in Raynaud's syndrome 754
MÖLLER E *see* AL-BALACHI S *et al*
MOLLER P W *see* HEATON D C and MOLLER P W
Monoarthritis, acute, and lipid liquid crystals 537
Monoclonal proteins, in urine in Sjögren's syndrome, demonstration and identification 109
Monosodium urate crystal
induced inflammation, systemic response 533
and rheumatoid factor interaction, co-existent tophaceous gout and rheumatoid arthritis 384
MOORE T L *see* SPEISER J C *et al*
MOORJANI S *see* MATHON G *et al*
MOR F *see* WYSENBEEK A J *et al*
MORRIS C *see* YOSHINO S *et al*
MORRIS C J *see* STRUTHERS G R *et al*
MORRIS J A, ADAMSON A R, HOLT P J L and DAVSON J Still's disease and the virus-associated haemophagocytic syndrome: case report 349
MORTAZAVI-MILANI S *see* KATAAHA P K *et al*
MOSKOWITZ R W *see* KRESINA T F *et al*
MOULOPOULOS S D *see* MAVRIKAKIS M E *et al*
MOUTSOPOULOS H M, COSTELLO R, DROSOS A A, MAVRIDIS A K and PAPADOPOULOS N M Demonstration and identification of monoclonal proteins in the urine of patients with Sjögren's syndrome 109
SKOPOULI F N, SARRAS A K, TSAMPOULAS C, MAVRIDIS A K, CONSTANTOPOULOS S H and MADDISON P J Anti-Ro (SSA) positive rheumatoid arthritis (RA): a clinicoserological group of patients with high incidence of D-penicillamine side effects 215
see also TSIANOS E B *et al*
MOWAT A G *see* BRADLOW A and MOWAT A G
WORDSWORTH B P *et al*
Multiple microcrystal deposition within a family 544
MUÑOZ-GÓMEZ J, BERGADÁ-BARADO E, GÓMEZ-PÉREZ R, LLOPART-BUISÁN E, SUBÍAS-SOBREVÍA E, ROTÉS-QUEROL J and SOLÉ-ARQUÉS M Amyloid arthropathy in patients undergoing periodical haemodialysis for chronic renal failure: a new complication 729
MURRAY N H, FORDHAM J N, DAVIES PG and BARNES C G Recurrent rheumatic fever: case report 205
Muscle, small, wasting, clinical vignette 500

NADARAJAH J and STEIN C [illegible]oxicam induced lithium toxicity: correspondence [illegible]02
NAFF G B *see* WISNIESKI [illegible] *et al*
Nail beading, in rheumat[illegible] arthritis, statistical reappraisal of clinical significanc[illegible]71
NAVEAU B *see* BARDIN T
NAZZARI G *see* CROVATO [illegible] *et al*
NEARY A J *see* MARTIN J R [illegible] *al*
NETTER P *see* FAURE G *et al*
NEUMANN V, HOPKINS R, DIXON J, WATKINS A, BIRD H and WRIGHT V Combination therapy with pulsed methylprednisolone in rheumatoid arthritis 747
Neuropathy, acute autonomic, and systemic lupus erythematosus: case report 420
Neutrophils
function, rheumatoid arthritis 514
pig, and phagocytosis of brushite crystals 54
NEWELL R L M *see* JACOBY R K *et al*
NG K C [illegible] REVELL P A *et al*
NG S C *see* HIND C R K *et al*
Nigerians, osteoarthritis of knee 682
NIVED O, LINDER C, ODEBERG H and SVENSSON B Reduced opsonisation of protein A containing *Staphylococcus aureus* in sera with cryoglobulins from patients with active systemic lupus erythematosus 252
Non-histone nuclear proteins, characterisation, cross reactive with purified rheumatoid factors 287
Non-Hodgkin's lymphoma, combination therapy, leading to remission in rheumatoid arthritis treated with D-penicillamine: case report 556
Non-steroidal anti-inflammatory drugs
and adverse renal effects: correspondence 212
rheumatoid arthritis, cross-sectional study 372
NORDSTRÖM D, KONTTINEN Y T, BERGROTH V and LEIRISALO-REPO M Synovial fluid cells in Reiter's syndrome 852
see also KONTTINEN Y T *et al*
NOTARIANNI L J *see* JEFFERIES T M *et al*

Notices
American Orthopaedic Association International Symposium, 7th, August 1986, Chicago 804
Annual Scientific Meeting, 8th, Australian Pain Society, Melbourne, February 1986 430
Ballabio and Gigante awards for European studies in rheumatology 430
Conference on drug toxicity and compliance, May 1986, Harrogate 804
Eular workshop on rheumatology research, VIth, Montpellier, March 1986 726
Immunogenetics and rheumatoid arthritis, workshop, November 1985, London 726
Lupus: a guide for patients—free booklet 574
Metro A Ogryzlo International Fellowship 641
Postgraduate nursing course, Harrogate, October/November 1985 641
Rheumatology
basic course, London, March 1985, announcement 142
Third Carl M Pearson Memorial Symposium, March 1985, California, announcement 72
Royal Society of Medicine: Rheumatology and Rehabilitation Section 502
World Conference on Inflammation, Second, March 1986, Monte Carlo 804
Workshop on immunogenetics and rheumatoid arthritis, London, November 1985 574

Oates K *see* O'Connor P *et al*
O'Connor P, Oates K, Gardner D L, Middleton J F S, Orford C R and Brereton J D Low temperature and conventional scanning electron microscopic observations of dog femoral condylar cartilage surface after anterior cruciate ligament division 321
Odeberg H *see* Nived O *et al*
O'Dell J R, Hays R C, Guggenheim S J and Steigerwald J C Systemic lupus erythematosus without clinical renal abnormalities: renal biopsy findings and clinical course 415
Oesophageal dysfunction, in primary Sjögren's syndrome 610
Ogilvie D *see* Wordsworth P *et al*
Oka M *see* Hannonen P *et al*
O'Leary S *see* Grant E N *et al*
Orford C R *see* O'Connor P *et al*
Osborn T G *see* Speiser J C *et al*
Osteoarthritic metacarpophalangeal joint, acute synovitis with intra-articular apatite deposits: case report 207
Osteoarthritis
knee, Nigerians 682
and metabolic bone disease: correspondence 283
pain descriptors 262
Osteoarthritis, use of D-penicillamine: correspondence 284
Osteonecrosis at multiple sites, in systemic lupus erythematosus: case report 65
Osteophytosis, spinal, paleopathology 113
O'Sullivan M M, Runfeld W R, Jones M K and Williams B D Cushing's syndrome with suppression of the hypothalamic-pituitary-adrenal axis after intra-articular steroid injections: case report 561
Ovarian carcinoma, shoulder-hand syndrome in: correspondence 72

p27 and psoriatic arthritis 761
Page Thomas P *see* Kyle V *et al*
Paget's disease, diphosphonates in, clinical experience 34
Pain
relief in rheumatoid arthritis 27
and rheumatoid arthritis: correspondence 805
verbal descriptors, in arthritis 262
Pal B Salivary scanning in rheumatoid arthritis: correspondence 71
and Hossain M A Non-steroidal anti-inflammatory drugs and adverse renal effects: correspondence 212
see also Diffey B L *et al*
Palindromic rheumatism
and Felty's syndrome: case report 640
in two non-identical brothers with identical HLA including DR4 202
Papadimitriou C S *see* Tsianos E B *et al*
Papadopoulos N M *see* Moutsopoulos H M *et al*
Park H, Schumacher H R, Zeiger A R and Rosenbaum J T Antibodies to peptidoglycan in spondylarthritis? correspondence reply 285
Parker A C *see* Hoyle C *et al*
Parr G *see* Kyle V *et al*
Parr G R *see* Devereaux M D *et al*
Pascual-Goméz E and Lopéz-Rico J J Arthritis of the middle ear in ankylosing spondylitis: correspondence 141
Patel B M *see* Gharavi A E *et al*
Harris E N *et al*
Pattrick M *see* Dawes P T *et al*
Payne R H *see* Martin J R *et al*
Pelton B K and Denman A M Immunoregulatory effects of α-interferon. Effects on in-vitro antibody synthesis by lymphocytes from patients with rheumatoid arthritis 143
Péna J M, Garcia-Alegria J, Garcia-Fernandez F, Arnalich F, Barbado F J and Vazquez J J Mitral and aortic regurgitation in Behçet's syndrome: case report 637
D-penicillamine
for rheumatoid arthritis, combination therapy for non-Hodgkin's lymphoma leading to remission: case report 556
in rheumatoid arthritis, HLA antigens and toxic reactions 621
side effects in anti-Ro (SSA) positive rheumatoid arthritis 215
use in osteoarthrosis; correspondence 284
Penning C A *see* French M A H *et al*
Pensky J *see* Wisnieski J J *et al*
Pentikäinen P J *see* Valtonen V V *et al*
Peptidoglycan, antibodies to, in spondylarthritis: correspondence 285
Pepys M B *see* Hind C R K *et al*
Pereira R S- *see* Bernstein R M *et al*
Pérez R Gómez *see* Gómez-Pérez R
Perkins H R *see* Evans H B *et al*
Perrett D *see* Rudge S and Perrett D

PERRIER P, RAFFOUX C, THOMAS PH, TAMISIER J N, BUSSON M, GAUCHER A and STREIFF F HLA antigens and toxic reactions to sodium aurothiopropanol sulphonate and D-penicillamine in patients with rheumatoid arthritis 621
Petrusio acetabuli, case report and review of literature 268
PETTERSSON T *see* LAMMINEN A *et al*
Phagocytosis of brushite crystals by pig neutrophils 54
PHUA K K *see* EVANS H B *et al*
PICK I *see* ILFELD D *et al*
Piroxicam-induced
  acute renal failure (anuria): correspondence 356
  lithium toxicity: correspondence 502
Pneumonitis, fatal, and disseminated intravascular coagulation, and acute systemic lupus erythematosus: case report 67
POIRIER J C *see* BARDIN T *et al*
Polyacrylamide gell electrophoresis, two-dimensional, in mapping of proteins from cultured fibroblasts 302
Polymyalgia rheumatica
  and giant cell arteritis, alkaline phosphatase and γ-glutamyltransferase in: correspondence 644
  and IgG monoclonal gammopathy: correspondence 501
PORTER J M *see* MOHRLAND J S *et al*
POZO J L *see* CROCKARD H A *et al*
PRASAD B K *see* DEWIS P *et al*
PREBLE OT *see* KLIPPEL J H *et al*
PRIEUR A M, FISCHER A and GRISCELLI C Still's disease and haemophagocytic syndrome: correspondence 806
Prostaglandin
  E_1 in Raynaud's syndrome, multiclinic, placebo-controlled, double-blind study 754
  vasospastic disease and thermography 73
  E_2 generation by cultured canine synovial fibroblasts exposed to microcrystals containing calcium 316
  secretion, porcine catabolin stimulating 631
Prostanoid release, enhanced, from monocytes in rheumatoid arthritis and active systemic lupus erythematosus 438
Prosthetic hips and knees, and walking activities 838
PROUSE P J, BONNER B, GUMPEL J M and REID C D L Stimulation of bone marrow erythropoiesis by T lymphocytes of anaemic patients with rheumatoid arthritis 220
Pseudomonas arthritis, parenteral and intra-articular ceftazidime treatment: case report 499
Pseudothrombophlebitis, gonococcal arthritis as unusual presentation: case report 354
Psoriatic arthritis
  etretinate (Tigason) and ibuprofen in, double-blind controlled trial 189
  and p27 761
PUTTAR T and CAPELL H A A rheumatological dilemma: is it possible to modify the course of rheumatoid arthritis? Can we answer the question: viewpoint 134: correspondence reply 571
  HUNTER J A and CAPELL H A Effect of acetylator phenotype on efficacy and toxicity of sulphasalazine in rheumatoid arthritis 831
  see also MADHOK R *et al*
Pulmonary hypertension, systemic lupus erythematosus, and the contraceptive pill: case report 266
PUTTE L B A VAN DE *see* VAN DE PUTTE L B A

QUEROL J ROTÉS- *see* ROTÉS-QUEROL J

RABINOWITZ J L *see* REGINATO A J *et al*
RAFFOUX C *see* PERRIER P *et al*
RANKI M *see* VALTONEN V V *et al*
RANSFORD A O *see* CROCKARD H A *et al*
RÄSÄNEN T *see* VALTONEN V V *et al*
RASKER J J *see* MATTHEWS R W *et al*
Rate nephelometry, for routine quantification of rheumatoid factor 379
RAVELLI A *see* MARTINI A and RAVELLI A
Raynaud's phenomenon
  decreased nailfold capillary 603
  diltiazem in, randomised double-blind trial 30
  selection of vasodilator therapy by sequential arterial infusion 151
  and prostaglandin E_1, multiclinic, placebo- controlled, double-blind study 754
  prostaglandin E_1 treatment, and thermography
Reactive arthritis, and triggering infections 399
RECKLESS J P D *see* CAMPBELL R R *et al*
Rectal mucosa, in rheumatoid arthritis, ultrastructural changes 625
REEBACK J S, SILMAN A J, HOLBOROW E J, MAINI R N and HAY F C Circulating immune complexes and rheumatoid arthritis: a comparison of different assay methods and their early predictive value for disease activity and outcome 79
REEVE J *see* SAMBROOK P N *et al*
REGINATO A J, FELDMAN E and RABINOWITZ J L Traumatic chylous knee effusion: case report 793
  SCHUMACHER H R, ALLAN D A and RABINOWITZ J L Acute monoarthritis associated with lipid liquid crystals 537
Regurgitation, mitral and aortic, in Behçet's syndrome: case report 637
REID C *see* GORDON T P *et al*
REID C D L *see* PROUSE P J *et al*
REID G D *see* CHANTLER J K *et al*
REID T M S *see* MCHARDY K C *et al*
REINO J J GÓMEZ- *see* GÓMEZ-REINO J J
Reiter's syndrome
  and ankylosing spondylitis, influence of trauma on initiation: correspondence
  synovial fluid cells 852
  unusual case: case report 559
Renal
  effects, adverse, and non-steroidal anti-inflammatory drugs: correspondence 212
  transplant recipients, radiological progression of rheumatoid arthritis 159
RENNIE J A N *see* MCHARDY K C *et al*
REPO M LEIRISALO- *see* LEIRISALO-REPO M
RESNICK D Frozen shoulder: correspondence 805
REVELL P A, NG K C, BEER M, BOUCHER B J, COHEN R D and CURREY H L F Metabolic bone disease in rheu-

matoid arthritis and osteoarthritis: correspondence reply 283
Rheumatic
diseases, chronic inflammatory, Zimbabweans, black 121
fever, recurrent: case report 205
in adults: correspondence
Rheumatoid arthritis
alcohol consumption, clinical and laboratory studies 163
anaemia, stimulation of bone marrow erythropoiesis by T lymphocytes 220
analgesics in 27
antikeratin antibodies 450
anti-Ro (SSA) positive, D-penicillamine side effects 215
autoantibodies in 446
being treated with D-penicillamine, combination therapy for non-Hodgkin's lymphoma leading to remission: case report 556
calcium absorption 585
cellular immunohistopathology of acute, subacute and chronic synovitis 549
chronic adult, and rubella virus: case report 564
circulating hyaluronate in, relationship to inflammatory activity and effect of corticosteroid therapy 83
circulating immune complexes, assay methods 79
combination therapy: correspondence
combination therapy with pulsed methylprednisolone 747
complement and neutrophil function 514
correlation of disease activity and drug therapy with autologous mixed lymphocyte reaction 224
disease activity indexes, thermography studies 434
disease duration and determinants of bone loss 406
early, bone turnover. 1. Biochemical and kinetic indexes 575. 2. Longitudinal bone density studies 580
effect of drug therapy on circulating and synovial fluid Ig-secreting cells 232
enhanced prostanoid release from monocytes in 438
and free thiomalate levels: correspondence 213
geode development and multiple fractures: case report 130
Gm and Km allotypes 529
gold therapy, and reduction of peripheral blood lymphocytes 299
and gout, coexistent, and study of rheumatoid factor and monosodium urate crystal interaction 384
HLA antigens and toxic reactions to sodium aurothiopropanol sulphonate and D-penicillamine treatment 621
immunoglobulin E deposition in skin 772
immunoregulatory effects of α-interferon 143
leucocyte function 694
lymphocytes, abnormal responses to Epstein-Barr virus infection in vitro, evidence for multiple defects 462
bearing Fcγ receptors. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA, 2: III. Immunoregulatory function associated with Facb rosette-forming cells 8
and metabolic bone disease: correspondence 283
modification of course: viewpoint 134
and nailbeading, statistical reappraisal of clinical significance 671
Rheumatoid arthritis and other arthropathies, sodium hyaluronate in synovial fluid 817
pain: correspondence 805
descriptors 262
prolonged control, sulphasalazine and sodium aurothiomalate compared 194
radiological progression in renal transplant recipients 159
raised serum alkaline phosphatase and aspartate transaminase levels, after sulphasalazine treatment: case report 798
and rupture of the spleen: correspondence 142
salivary scanning: correspondence 71
seatone in, six-month placebo-controlled study 199: correspondence 645
seroepidemiological study of cytomegalovirus and Epstein-Barr virus 742
seronegative, and HLA antigens 50
and sulphasalazine, effect of acetylator phenotype on efficacy and toxicity 831
hypogammaglobulinaemia and thrombocytopenia: correspondence 723
surgical treatment of cervical cord compression 809
susceptibility to and severity of, association of MHC antigens, multicase families 519
treatment, cross-sectional study 372
with intravenous iron: correspondence 572
ultrastructural changes in rectal mucosa 625
Rheumatoid
bursitis, extending into clavicle and skin surface: case report 336
disease, bowel infarction secondary to, and complete heart block: case report 425
factors, cross reactive, and non-histone nuclear proteins 287
idiotypes, common IgA and IgM, in autoimmune diseases 155
interaction with monosodium urate crystals, coexistent tophaceous gout and rheumatoid arthritis 384
measurement by enzyme-linked immunosorbent assay (ELISA), and comparison with other methods 13
routine quantification by rate nephelometry 379
19S IgM, hidden in adults with juvenile rheumatoid arthritis onset 294
subluxations, cervical spine: editorial 807
Rheumatological dilemma: correspondence 571
Ribonucleoprotein, soluble, antibodies to *see* Anti-Ro (SSA)
Rico J J Lopéz *see* Lopéz-Rico J
Ridler C *see* Kovacs I B *et al*
Riis B J *see* Als O S *et al*
Ring E F J *see* Blake D R *et al*
Roberts B Vernon- *see* Vernon-Roberts B
Roberts S D *see* Todd G R G *et al*
Roberts-Thomson P J, McEvoy R, Langhans T and Bradley J Routine quantification of rheumatoid factor by rate nephelometry 379
see also Gordon T P *et al*

ROCHE A H G *see* WILSHER M *et al*
RØDAHL E and IVERSEN O-J Antigens related to the major internal protein, p27, of a psoriasis associated retrovirus-like particle are expressed in patients with chronic arthritis 761
RODRÍGO M *see* IZQUIERDO M *et al*
ROGERS J, WATT I and DIEPPE P Palaeopathology of spinal osteophytosis, vertebral ankylosis, ankylosing spondylitis, and vertebral hyperostosis 113
ROLSTON K *see* JONES P G *et al*
ROSELLÓ R *see* ROTÉS-QUEROL J *et al*
ROSENBAUM J T *see* PARK H *et al*
ROSNER I A *see* KRESINA T F *et al*
ROSS M G R *see* VENABLES P J W *et al*
ROSS S C *see* SPEISER J C *et al*
ROSSI P and FOSSALUZZA V Diabetic cheiroarthropathy in adult non-insulin-dependent diabetes: correspondence 141
ROTÉS-QUEROL J, TOLOSA E, ROSELLÓ R and GRANADOS J Progressive cauda equina syndrome and extensive calcification/ossification of the lumbosacral meninges: case report 277
see also MUÑOZ-GÓMEZ J *et al*
ROTHSCHILD B M The lupus anticoagulant, pulmonary thromboembolism, and fatal pulmonary hypertension: correspondence 357
ROVETTA G *see* CROVATO F *et al*
ROWE I F Amyloid arthropathy: editorial 727
ROWELL N R *see* FRENCH M A H *et al*
ROZA D M DA *see* DA ROZA D M
Rubella virus in chronic adult rheumatoid arthritis: case report 564
RUDGE S and PERRETT D Free thiomalate levels in rheumatoid arthritis: correspondence reply 213
RUGSTAD H E *see* GLENNÅS A *et al*
RUMFELD W R *see* O'SULLIVAN M M *et al*
RUSSELL G *see* KATAAHA P K *et al*
RUSSELL I J and WALSH R A Selection of vasodilator therapy for severe Raynaud's phenomenon by sequential arterial infusion 151
RUSTIN M H A *see* KOVACS I B *et al*
RYCKEWAERT A *see* BARDIN T *et al*

Sacroiliitis, cryptococcal: case report 126
Salivary
  scanning, rheumatoid arthritis: correspondence 71
  secretion, connective tissue disease, man 20
SANDERS P A, DE LANGE G G, DYER P A and GRENNAN D M Gm and Km allotypes in rheumatoid arthritis 529
SALAMAN M R *see* HALLIDAY G M *et al*
SALISBURY R *see* KYLE V *et al*
SAMBROOK P N, ABEYASEKERA G, ANSELL B M, FOSTER S, GUMPEL J M, HILL P A, REEVE J and STEVENSON J C Calcium absorption in rheumatoid arthritis 585
ANSELL B M, FOSTER S, GUMPEL J M, HESP R and REEVE J Bone turnover in early rheumatoid arthritis. 2. Longitudinal bone density studies 580
  and ZANELLI J M Bone turnover in early rheumatoid arthritis. 1. Biochemical and kinetic indexes 575
SAMUELSON C O *see* CLEGG D O *et al*
SARRAS A K *see* MOUTSOPOULOS H M *et al*
  TSIANOS E B *et al*
SCHATTENKIRCHNER M *see* MIEHLE W *et al*
SCHMID M *see* BARDIN T *et al*
Schmorl's node, in cervical spine: case report 857
SCHULZER M *see* FORD D K *et al*
SCHUMACHER H R *see* PARK H *et al*
  REGINATO A J *et al*
Scleroderma *see* Systemic sclerosis
SCOTT D G I *see* BLAKE D R *et al*
  CHELLINGSWORTH M and SCOTT D G I
Seatone, in rheumatoid arthritis, six-month placebo-controlled study 199: correspondence 645
SEBASTIÁN M *see* IZQUIERDO M *et al*
SEEDHOM B B and WALLBRIDGE N C Walking activities and wear of prostheses 838
SEIFERT M H *see* HALLIDAY G M *et al*
SEITZ M and HUNSTEIN W Enhanced prostanoid release from monocytes of patients with rheumatoid arthritis and active systemic lupus erythematosus 438
SEN R A *see* WALTON K *et al*
SEPPÄLÄ I *see* VALTONEN V V *et al*
Sequential arterial infusion, vasodilator therapy for severe Raynaud's phenomenon 151
SHAKESPEARE D T *see* WORDSWORTH B P *et al*
SHEEHAN N J Alkaline phosphatase and γ-glutamyltransferase in polymyalgia rheumatica and giant cell arteritis: correspondence 644
SHELDON P and WOOD J K Remission of arthritis and radiological improvement after combination therapy for non-Hodgkins lymphoma in a patient with rheumatoid arthritis undergoing treatment with D-penicillamine: case report 556
SHIPLEY M *see* YOUINOU P *et al*
Shoulder-hand syndrome, in ovarian carcinoma: correspondence 72
Sicca syndrome, seroepidemiological study of cytomegalovirus and Epstein-Barr virus 742
Silicon-containing particles, in synovial fluid, scanning electron microscopy coupled with analytical techniques allows easy identification and differentiation from pathologically relevant crystals 148
SILMAN A J *see* REEBACK J S *et al*
SIMMS M H *see* MOHRLAND J S *et al*
Sjögren's syndrome
  demonstration and identification of monoclonal proteins in urine 109
  lung involvement 455
  primary, oesophageal dysfunction 610
SKOPOULI F N *see* MOUTSOPOULOS H M *et al*
SKIRFVARS B *see* KONTTINEN Y T *et al*
SLÄTIS P *see* KONTTINEN Y T *et al*
Slow-reacting antiarthritic drugs, rheumatoid arthritis, cross-sectional study 372
SMEENK R *see* SWAAK T and SMEENK R
SMEETON W M I *see* WILSHER M *et al*
SMITH D H *see* FARR M *et al*
SMITH E A *see* MOHRLAND J S *et al*
SMITH K *see* HIRSCH R S *et al*
SMITH O V *see* WAGSTAFF S *et al*
SMITH P R *see* MASON J C *et al*

SMITH R *see* WORDSWORTH P *et al*
SNAITH M L *see* GIBB W *et al*
SOBREVÍA E SUBÍAS- *see* SUBÍAS-SOBREVÍA E
Sodium
  aurothiopropanol sulphonate, in rheumatoid arthritis, HLA antigens and toxic reactions 621
  hyaluronate in synovial fluid, rheumatoid arthritis and other arthropathies 817
SOLÉ-ARQUÉS M *see* MUÑOZ-GÓMEZ J *et al*
SOPPI E, ESKOLA J and LEHTONEN A Evidence against HLA and immunological dependence of disease outbreak in SLE. Immunological characterisation of identical twins clinically discordant for SLE 45
SORIN S B *see* WISNIESKI J J *et al*
SOSMAN J L *see* LIPSON S J *et al*
SOWEMIMO-COKER S O *see* KOVACS I B *et al*
SPEISER J C, MOORE T L, WEISS T D, BALDASSARE A R, ROSS S C, OSBORN T G, DORNER R W and ZUCKNER J Hidden 19S IgM rheumatoid factor in adults with juvenile rheumatoid arthritis onset 294
Spinal osteophytosis, palaeopathology 113
Spleen, rupture, in rheumatoid arthritis: correspondence 142
Spondylarthritis, antibodies to peptidoglycan in: correspondence 285
SRIRATANA A *see* BYERS S *et al*
Staphylococcus aureus, reduced opsonisation of protein A containing, in sera with cryoglobulins in systemic lupus erythematosus 252
STEIGERWALD J C *see* O'DELL J R *et al*
STEIN G S *see* NADARAJAH J and STEIN G S
Steroids, role in treatment of arthritis: conference report 642
STEVENS J M *see* CROCKARD H A *et al*
STEVENS W J *see* DE CLERCK L S *et al*
STEVENSON J C *see* SAMBROOK P N *et al*
Still's disease *see* Juvenile rheumatoid arthritis
STOKES A *see* MIMS C A *et al*
STREIFF F *see* PERRIER P *et al*
STRÖM H *see* AL-BALAGHI S *et al*
STRUTHERS G R, HOLLYWELL C A, MORRIS C J, WALTON K W and BACON P A Ultrastructural changes in the rectal mucosa of patients with rheumatoid arthritis 625
STURROCK R D *see* LARKIN J G *et al*
  MADHOK R *et al*
SUBÍAS-SOBREVÍA E *see* MUÑOZ-GÓMEZ J *et al*
Subluxations, rheumatoid, cervical spine: editorial 807
Sulphasalazine in rheumatoid arthritis
  effect of acetylator phenotype on efficacy and toxicity 831
  safe, effective agent for prolonged control compared with sodium aurothiomalate 194
  and hypogammaglobulinaemia and thrombocytopenia: correspondence 723
  raised serum alkaline phosphatase and aspartate transaminase levels after: case report 798
SURRALL K E *see* HOPKINS R *et al*
SVENSSON B *see* NIVED O *et al*
SWAAK T and SMEENK R Detection of anti-dsDNA as a diagnostic tool: a prospective study in 441 non-systemic lupus erythematosus patients with anti-dsDNA antibody (anti-dsDNA) 245
SWANSON S A V *see* ADAMS D and SWANSON S A V
SYKES B *see* WORDSWORTH P *et al*
SYMMONS D P M *see* FARR M *et al*
Synovial
  cells, hyaluronic acid production in vitro, rheumatoid arthritis 647
    Reiter's syndrome 852
    fluid analysis, bufexamac crystal in: correspondence 357
  mast cells: correspondence 724
    and cytophagocytic mononuclear cells, in inflammatory arthritis 312
  fluid, silicon-containing particles in, scanning electron microscopy coupled with analytical techniques allows easy identification and differentiation from pathologically relevant crystals 148
Synovitis
  acute, subacute and chronic, in rheumatoid arthritis, cellular immunohistopathology 549
    with intra-articular apatite deposits, in osteoarthritic metacarpophalangeal joint: case report 207
  immune, experimental, fine specificity of serum anti-collagen molecules 328
  rheumatoid, effect of intravenous iron dextran 183
Systemic lupus erythematosus
  active, enhanced prostanoid release from monocytes in 438
  and acute automonic neuropathy: case report 420
  ascites 778
  evidence against HLA and immunological dependence, identical twins 45
  with fatal pneumonitis and disseminated intra-vascular coagulation: case report 67
  genetic and environmental factors: correspondence 573
  osteonecrosis at multiple sites: case report 65
  pulmonary hypertension, and the contraceptive pill: case report 266
  and reduced opsonisation of protein A containing *Staphylococcus aureus* sera with cryoglobulins 252
  refractory massive pleural effusion in, talc poudrage treatment: case report 61
  serum alpha interferon and lymphocyte inclusions 104
  serum C-reactive protein measurement in detection of intercurrent infection, Oriental patients 260
  and tetraplegia, complicated by pulmonary hypertension: case report 491
  and thymoma: correspondence 502
  without clinical renal abnormalities, renal biopsy findings and clinical course 415
Systemic sclerosis
  childhood, autoantibodies in 503
  plasma/serum, and erythrocyte deformity 395
  raised serum hyaluronate levels 614
  serum immune complexes in, relationship with precipitating nuclear antibodies 89

T lymphocytes, anaemia with rheumatoid arthritis and stimulation of bone marrow erythropoiesis 220

Talc poudrage, for treatment of refractory massive pleural effusion in systemic lupus erythematosus: case report 61
TAMISIER J N *see* PERRIER P *et al*
TATER D *see* YOUINOU P *et al*
TAVONI A *see* VITALI C *et al*
Tetraplegia, as presenting feature of systemic lupus erythematosus complicated by pulmonary hypertension: case report 491
THE T H *see* HOUTMAN P M *et al*
Thermography studies, disease activity indexes, rheumatoid arthritis 434
Thiomalate levels, free, in rheumatoid arthritis: correspondence 213
THIVOLET J *see* YOUINOU P *et al*
THOMAS D P P *see* DEVEREAUX M D *et al*
THOMAS P *see* MASSON G *et al*
THOMAS, P PAGE *see* PAGE THOMAS P
THOMAS PH *see* PERRIER P *et al*
THOMAS R H M *see* KOVACS I B *et al*
THOMPSON D *see* HOWE A *et al*
THOMPSON M *see* WALKER D J *et al*
THOMPSON P W *see* DAVIES P G and THOMPSON P W
THOMSON M J *see* MANGAN F R and THOMSON M J
THOMSON P J ROBERTS *see* ROBERTS-THOMSON P J
THORSRUD A K *see* GLENNÅS A *et al*
Thrombocytopenia
and chrysotherapy 589
and hypogammaglobulinaemia, and sulphasalazine therapy in rheumatoid arthritis: correspondence 723
Thrombosis, recurrent, anticardiolipin antibody, and warfarin withdrawal 823
Thymoma, and systemic lupus erythematosus: correspondence 502
Tissue typing, in brucellosis 526
TODD G R G, MCATEER E J, JACK C M, HAIRE M, ROBERTS S D and BUCHANAN K D Pulmonary hypertension, systemic lupus erythematosus, and the contraceptive pill: case report 266
TOLOSA E *see* ROTÉS-QUEROL J *et al*
TÖRNROTH T *see* MAURY C P J *et al*
Toxic epidemic syndrome, chronic juvenile 98
TRAPANI J A and MCKENZIE I F C Klebsiella 'modifying factor': binding studies with HLA-B27$^+$ and B27$^-$ lymphocytes 169
Trauma
influence on initiation of Reiter's syndrome and ankylosing spondylitis: correspondence
chylous knee effusion: case report 793
TSAMPOULAS C *see* MOUTSOPOULOS H M *et al*
TSIANOS E B, CHIRAS C D, DROSOS A A and MOUTSOPOULOS H M Oesophageal dysfunction in patients with primary Sjögren's syndrome 610
TZIOUFAS A G, MAVRIDIS A K, SARRAS A K, PAPADIMITRIOU C S, TSOLAS O and MOUTSOPOULOS H M Sialochemistry of patients with autoimmune rheumatic disease with and without histological manifestations of Sjögren's syndrome 412
TSOLAS O *see* TSIANOS E B *et al*
TUDOR P *see* BINDER A I *et al*
TUNN E *see* FARR M *et al*
TZIOUFAS A G *see* TSIANOS E B *et al*
UNSWORTH D J *see* BOURNE J T *et al*
VALTONEN V V, LEIRISALO M, PENTIKÄINEN P J, RÄSÄNEN T, SEPPÄLÄ I, LARINKARI U, RANKI M, KOSKIMIES S, MALKAMÄKI M and MÄKELÄ P H Triggering infections in reactive arthritis 399
VAN DE PUTTE L B A *see* FRANSSEN M J A M *et al*
FRIESEN W T *et al*
WOUTERS J M G W *et al*
VANA D *see* ILFELD D *et al*
Vascular diseases, inflammatory, endothelial cell cytotoxicity in, possible role of oxidised lipoproteins 176
Vasodilator therapy, for severe Raynaud's phenomenon, selection by sequential arterial infusion 151
VAZQUEZ J J *see* PEÑA J M *et al*
VENABLES P J W, ROSS M G R, CHARLES P J, MELSOM R D, GRIFFITHS P D and MAINI R N A seroepidemiological study of cyto-megalovirus and Epstein-Barr virus in rheumatoid arthritis and sicca syndrome 742
see also MASON J C *et al*
VERMEER B J *see* DE CLERCK L S *et al*
VERNON-ROBERTS B *see* HIRSCH R S *et al*
VERSTRAETEN A, DEQUEKER J and GEUSENS P Metabolic bone disease in rheumatoid arthritis and osteoarthritis: correspondence 283
Vertebral ankylosis, palaeopathology 113
VIAC J *see* YOUINOU P *et al*
VIEGI G *see* VITALI C *et al*
'Viewpoint' articles, announcement 72
Virus-associated haemophagocytic syndrome, and Still's disease: case reports 341, 349: correspondence 806
VITALI C, TAVONI A, VIEGI G, BEGLIOMINI S Lung involvement in Sjögren's syndrome: a comparison between patients with primary and with secondary syndrome 455
Vitamin D intoxication, and calcinosis of joints and periarticular tissues: case report 494
WAGSTAFF S, SMITH O V and WOOD P H N Verbal pain descriptors used by patients with arthritis 262
WALKER D J, GRIFFITHS M, DEWAR P, COATES E, DICK W C, THOMPSON M and GRIFFITHS I D Association of MHC antigens with susceptibility to and severity of rheumatoid arthritis in multicase families 519
WALKER P R *see* IRVING W L *et al*
Walking activities and wear of prosthetic hips and knees 838
WALLBRIDGE N C *see* SEEDHOM B B and WALLBRIDGE N C
WALSH R A *see* RUSSELL I J and WALSH R A
WALTERS M T, KEIGHTLEY S J and CAWLEY M I D Salivary scanning in rheumatoid arthritis: correspondence 71
WALTON K, HILTON R C and SEN R A Pseudomonas arthritis treated with parenteral and intra-articular ceftazidime: case report 499
WALTON K W *see* STRUTHERS G R *et al*
WANDALL J H Leucocyte function in patients with rheumatoid arthritis: quantitative in-vivo leucocyte mobilisation and in-vitro functions of blood and exudate leucocytes 694
WARD J R *see* CLEGG D O *et al*

Warfarin withdrawal, anticardiolipin antibody and recurrent thrombosis 823
WARREN R *see* BRAND C *et al*
WASTESON Å *see* ENGSTRÖM-LAURENT A *et al*
WATKINS A *see* NEUMANN V *et al*
WATT I *see* ROGERS J *et al*
WEGELIUS O *see* MAURY C P J *et al*
WEINBERGER A *see* WYSENBEEK A J *et al*
WEIR W *see* MIER A and WEIR W
WEISS T D *see* SPEISER J C *et al*
WELTEVREDEN E F *see* DE CLERCK L S *et al*
WESTEDT M L *see* DE CLERCK L S *et al*
WHICHER J *see* HUTTON C W *et al*
WIEBKIN O W *see* MCNEIL J D *et al*
WILLETS S *see* DEVIS P *et al*
WILLIAMS B D *see* O'SULLIVAN M M *et al*
WILLIAMS R A and ANSELL B M Radiological findings in seropositive juvenile chronic arthritis (juvenile rheumatoid arthritis) with particular reference to progression 685
WILSHER M, SMEETON W M I, KOELMEYER T D and ROCHE A H G Complete heart block and bowel infarction secondary to rheumatoid disease: case report 425
WINROW V R, EALES L-J, HALL N D, GOULDING N J and HUNNEYBALL I M Lymphocytes bearing Fcγ receptors in rheumatoid arthritis. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA 2
see also EALES L-J *et al*
WINYARD P *see* BLAKE D R *et al*
WISNIESKI J J, NAFF G B, PENSKY J and SORIN S B Terminal complement component deficiencies and rheumatic disease: development of a rheumatic syndrome and anticomplementary activity in a patient with complete C6 deficiency: case report 716
WOJTULEWSKI J A *see* BOURNE J T *et al*
WOOD J K *see* SHELDON P and WOOD J K
WOOD P H N *see* WAGSTAFF S *et al*
WOOLEY D E *see* BROMLEY M *et al*
WORDSWORTH B P, SHAKESPEARE D T and MOWAT A G MacIntosh arthroplasty for the rheumatoid knee: a 10-year follow up 738
WORDSWORTH P, OGILVIE D, SMITH R and SYKES B Exclusion of the α_1 (II) collagen structural gene as the mutant locus in type II Ehlers-Danlos syndrome 431
WOUDA A A *see* HOUTMAN P M *et al*
WOUTERS J M G W, FROELING P G A and VAN DE PUTTE L B A Adult-onset Still's disease complicated by hypercalcaemia: possible relationship with rapidly destructive polyarthritis: case report 345
WRIGHT V *see* HILL J *et al*
HOPKINS R *et al*
HOWE A *et al*
MCKENNA F and WRIGHT V
NEUMANN V *et al*
WYSENBEEK A J, MOR F, LURIE Y and WEINBERGER A Imipramine for the treatment of fibrositis: a therapeutic trial 752

YOSHIND S, BLAKE D R, HEWITT S, MORRIS C and BACON P A Effect of blood on the activity and persistence of antigen induced inflammation in the rat air pouch 485
YOUINOU P, LE GOFF P, COLACO C B, THIVOLET J, TATER D, VIAC J and SHIPLEY M Antikeratin antibodies in serum and synovial fluid show specificity for rheumatoid arthritis in a study of connective tissue diseases 450
YOUNG C G, MACKWORTH *see* MACKWORTH-YOUNG C G

ZANELLI J M *see* SAMBROOK P N *et al*
ZEIGER A R *see* PARK H *et al*
Zimbabweans, black, chronic inflammatory rheumatic diseases 121
ZIROYANNIS P N *see* MAVRIKAKIS M E *et al*
ZONE J J *see* CLEGG D O *et al*
ZUCKNER J *see* SPEISER J C *et al*

Annals of the Rheumatic Diseases

A journal of clinical rheumatology and connective tissue research

Editor H. L. F. Currey

Associate Editors C. G. Barnes V. Wright

Editorial Committee
B. M. Ansell E. G. L. Bywaters A. M. Denman
A. St. J. Dixon D. L. Gardner E. B. D. Hamilton
T. E. Hardingham E. J. Holborow G. R. V. Hughes
P. J. Maddison R. N. Maini A. G. Mowat
R. G. G. Russell K. W. Walton J. B. Weiss P. H. N. Wood
D. E. Woolley
Editor *British Medical Journal*

Appointed by the British Medical Association

VOLUME 44, 1985

LONDON
BRITISH MEDICAL ASSOCIATION
TAVISTOCK SQUARE LONDON WC1H 9JR

CONTENTS OF VOLUME 44

No. 1 JANUARY, 1985

Editorial: Going monthly 1

Lymphocytes bearing Fcγ receptors in rheumatoid arthritis. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA
Vivienne R. Winrow, Lesley-Jane Eales, N. D. Hall, N. J. Goulding, and I. M. Hunneyball 2

Lymphocytes bearing Fcγ receptors in rheumatoid arthritis. III. Immunoregulatory function associated with Facb rosette-forming cells
Lesley-Jane Eales, N. J. Goulding, N. D. Hall, Vivienne R. Winrow, and I. M. Hunneyball 8

Measurement of rheumatoid factors by an enzyme-linked immunosorbent assay (ELISA) and comparison with other methods
J. L. M. Bampton, T. E. Cawston, M. V. Kyle, and B. I. Hazleman 13

Salivary secretion and connective tissue disease in man
R. W. Matthews, K. D. Bhoola, J. J. Rasker, and M. I. V. Jayson 20

Use of simple analgesics in rheumatoid arthritis
T. Gibson and B. Clark 27

A randomised double-blind trial of diltiazem in the treatment of Raynaud's phenomenon
Andre Kahan, Bernard Amor, and Charles J. Menkes 30

Clinical experience with the use of two diphosphonates in the treatment of Paget's disease
P. Dewis, B. K. Prasad, D. C. Anderson, and S. Willets 34

HLA-DR4 in ankylosing spondylitis with different patterns of joint involvement
W. Miehle, M. Schattenkirchner, D. Albert, and M. Bunge 39

Evidence against HLA and immunological dependence of disease outbreak in SLE. Immunological characterisation of identical twins clinically discordant for SLE
Esa Soppi, Jussi Eskola, and Aapo Lehtonen 45

HLA antigens and seronegative rheumatoid arthritis
T. Bardin, L. Legrand, B. Naveau, A. Marcelli-Barge, N. Debeyre, G. M. Lathrop, J. C. Poirier, M. Schmid, A. Ryckewaert, and A. Dryll 50

Phagocytosis of brushite crystals by pig neutrophils
F. K. Higson and O. T. G. Jones 54

Refractory massive pleural effusion in systemic lupus erythematosus treated with talc poudrage
Jeffrey L. Kaine 61

Osteonecrosis at multiple sites in a patient with systemic lupus erythematosus
L. Gail Darlington 65

Acute systemic lupus erythematosus with fatal pneumonitis and disseminated intravascular coagulation
Miriam Chellingsworth and David G. I. Scott 67

Book reviews 70

Correspondence 71

Notes 72

No. 2 FEBRUARY, 1985

Prostaglandin E_1 vasospastic disease and thermography
V. Kyle, G. Parr, R. Salisbury, P. Page Thomas, and B. Hazleman 73
Circulating immune complexes and rheumatoid arthritis: a comparison of different assay methods and their early predictive value for disease activity and outcome
J. S. Reeback, A. J. Silman, E. J. Holborow, R. N. Maini, and F. C. Hay 79
Circulating hyaluronate in rheumatoid arthritis: relationship to inflammatory activity and the effect of corticosteroid therapy
Anna Engström-Laurent and Roger Hällgren 83
Serum immune complexes in systemic sclerosis: relationship with precipitating nuclear antibodies
M. A. French, G. Harrison, C. A. Penning, J. Cunningham, P. Hughes, and N. R. Rowell 89
Limited joint mobility in diabetes mellitus
R. R. Campbell, S. J. Hawkins, P. J. Maddison, and J. P. D. Reckless 93
Chronic juvenile toxic epidemic syndrome
Maravillas Izquierdo, Isabel Mateo, Mercedes Rodrlgo, Carmen Mena, Mercedes Sebastían, Jose Conde, and Juan J Gómez-Reino 98
Serum alpha interferon and lymphocyte inclusions in systemic lupus erythematosus
John H. Klippel, Simon Carette, Oliva T. Preble, Robert M. Friedman, and Philip M. Grimley 104
Demonstration and identification of monoclonal proteins in the urine of patients with Sjögren's syndrome
H. M. Moutsopoulos, R. Costello, A. A. Drosos, A. K. Mavridis, and N. M. Papadopoulos 109
Palaeopathology of spinal osteophytosis, vertebral ankylosis, ankylosing spondylitis, and vertebral hyperostosis
Juliet Rogers, Iain Watt, and Paul Dieppe 113
Chronic inflammatory rheumatic diseases in black Zimbabweans
S. K. Lutalo 121
Cryptococcal sacroiliitis
C. Brand, R. Warren, M. Luxton, and D. Barraclough 126
Septic arthritis due to *Histoplasma capsulatum* in a leukaemic patient
Paula G. Jones, Kenneth Rolston, and Roy L. Hopfer 128
Geode development and multiple fractures in rheumatoid arthritis
Peter J. Lowthian and Andrei Calin 130
Viewpoint: A rheumatological dilemma: is it possible to modify the course of rheumatoid arthritis? Can we answer the question?
T. Pullar and H. A. Capell 134
Correspondence 141
Note 142

No. 3 MARCH, 1985

Immunoregulatory effects of α-interferon. Effects on in-vitro antibody synthesis by lymphocytes from patients with rheumatoid arthritis
B. K. Pelton and A. M. Denman 143

Silicon-containing particles in synovial fluid: scanning electron microscopy coupled with analytical techniques allows an easy identification and differentiation from pathologically relevant crystals
Gilbert Faure, Patrick Netter, and Marie-Christine Bene 148

Selection of vasodilator therapy for severe Raynaud's phenomenon by sequential arterial infusion
I. Jon Russell and Richard A. Walsh 151

Common IgA and IgM rheumatoid factor idiotypes in autoimmune diseases
A. E. Gharavi, B. M. Patel, G. R. V. Hughes, and K. B. Elkon 155

Radiological progression of rheumatoid arthritis in renal transplant recipients
A. Lamminen, T. Pettersson, L. Laasonen, B. Kuhlbäck, and J. Edgren 159

Alcohol consumption in arthritic patients: clinical and laboratory studies
Anthony Bradlow and Alastair G. Mowat 163

Klebsiella 'modifying factor': binding studies with HLA-B27$^+$ and B27$^-$ lymphocytes
Joseph A. Trapani and Ian F. C. McKenzie 169

Endothelial cell cytotoxicity in inflammatory vascular diseases—the possible role of oxidised lipoproteins
D. R. Blake, P. Winyard, D. G. I. Scott, S. Brailsford, A. Blann, and J. Lunec 176

Effect of intravenous iron dextran on rheumatoid synovitis
D. R. Blake, J. Lunec, M. Ahern, E. F. J. Ring, J. Bradfield, and J. M. C. Gutteridge 183

A double blind controlled trial of etretinate (Tigason) and ibuprofen in psoriatic arthritis
R. Hopkins, H. A. Bird, H. Jones, J. Hill, K. E. Surrall, C. Astbury, A. Miller, and V. Wright 189

Sulphasalazine: a safe, effective agent for prolonged control of rheumatoid arthritis. A comparison with sodium aurothiomalate
D. E. Bax and R. S. Amos 194

Seatone in rheumatoid arthritis: a six-month placebo-controlled study
J. G. Larkin, H. A. Capell, and R. D. Sturrock 199

Palindromic rheumatism in two non-identical brothers with identical HLA including DR4
P. Hannonen, M. Hakola, and M. Oka 202

Recurrent rheumatic fever
N. H. Murray, J. N. Fordham, P. G. Davies, and C. G. Barnes 205

Acute synovitis with intra-articular apatite deposits in an osteoarthritic metacarpophalangeal joint
J. C. Gerster and R. Lagier 207

Correspondence 211

Book reviews 214

No. 4 APRIL, 1985

Anti-Ro(SSA) positive rheumatoid arthritis (RA): a clinicoserological group of patients with high incidence of D-penicillamine side effects
Haralampos M. Moutsopoulos, Fotini N. Skopouli, Aristidis K. Sarras, Constantinos Tsampoulas, Anestis K. Mavridis, Stavros H. Constantopoulos, and Peter J. Maddison 215

Stimulation of bone marrow erythropoiesis by T lymphocytes of anaemic patients with rheumatoid arthritis
P. J. Prouse, B. Bonner, J. M. Gumpel, and C. D. L. Reid 220

Correlation of disease activity and drug therapy with the autologous mixed lymphocyte reaction in rheumatoid arthritis
Simone M. Cross and R. A. Hazelton 224

Effect of drug therapy on circulating and synovial fluid Ig-secreting cells in rheumatoid arthritis
Sanad Al-Balaghi, Håkan Ström, and Erna Möller 232

Circulating immune complexes containing secretory IgA in jejunoileal bypass disease
D. O. Clegg, J. J. Zone, C. O. Samuelson Jr., and J. R. Ward 239

Detection of anti-dsDNA as a diagnostic tool: a prospective study in 441 non-systemic lupus erythematosus patients with anti-dsDNA antibody (anti-dsDNA)
Tom Swaak and Ruud Smeenk 245

Reduced opsonisation of protein A containing *Staphylococcus aureus* in sera with cryoglobulins from patients with active systemic lupus erythematosus
Ola Nived, Carina Linder, Håkan Odeberg, and Björn Svensson 252

Serum C-reactive protein measurement in the detection of intercurrent infection in Oriental patients with systemic lupus erythematosus
C. R. K. Hind, S. C. Ng, P. H. Feng, and M. B. Pepys 260

Verbal pain descriptors used by patients with arthritis
Susan Wagstaff, Orin V. Smith, and Philip H. N. Wood 262

Pulmonary hypertension, systemic lupus erythematosus, and the contraceptive pill
G. R. G. Todd, E. J. McAteer, C. M. Jack, M. Haire, S. D. Roberts, and K. D. Buchanan 266

Idiopathic chondrolysis of the hip: a case report and review of the literature
Angus W. Hughes 268

Is amyloid A (AA) amyloidosis always secondary?
C. P. J. Maury, T. Törnroth, and O. Wegelius 273

Progressive cauda equina syndrome and extensive calification/ossification of the lumbosacral meninges
J. Rotés-Querol, E. Tolosa, R. Roselló, and J. Granados 277

Lupoid sclerosis: a possible pathogenetic role for antiphospholipid antibodies
E. N. Harris, A. E. Gharavi, C. G. Mackworth-Young, B. M. Patel, G. Derue, and G. R. V. Hughes 281

Correspondence 283

Notes 286

No. 5 MAY, 1985

Characterisation of non-histone nuclear proteins cross reactive with purified rheumatoid factors
J. C. Mason, P. J. W. Venables, P. R. Smith, and R. N. Maini 287
Hidden 19S IgM rheumatoid factor in adults with juvenile rheumatoid arthritis onset
James C. Speiser, Terry L. Moore, Terry D. Weiss, Andrew R. Baldassare, Stephen C. Ross, Thomas G. Osborn, Robert W. Dorner, and Jack Zuckner 294
Reduction of peripheral blood lymphocytes in patients receiving gold therapy for rheumatoid arthritis
John G. Hanly and Barry Bresnihan 299
Mapping of proteins from cultured fibroblasts of synovial and subcutaneous origin by high resolution two-dimensional polyacrylamide gel electrophoresis
A. Glennås, A. K. Thorsrud, H. E. Rugstad, and E. Jellum 302
Ankylosing spondylitis and trauma: the medicolegal implications. A comparative study of patients with non-specific back pain
R. K. Jacoby, R. L. M. Newell, and P. Hickling 307
Disease distribution of synovial fluid mast cells and cytophagocytic mononuclear cells in inflammatory arthritis
A. J. Freemont and J. Denton 312
Prostaglandin (PG) E_2 generation by cultured canine synovial fibroblasts exposed to microcrystals containing calcium
Daniel J. McCarty and Herman S. Cheung 316
Low temperature and conventional scanning electron microscopic observations of dog femoral condylar cartilage surface after anterior cruciate ligament division
Patricia O'Connor, K. Oates, D. L. Gardner, J. F. S. Middleton, Constance R. Orford, and Janet D. Brereton 321
Fine specificity of serum anticollagen molecules in experimental immune synovitis
Thomas F. Kresina, Itzhak A. Rosner, Victor M. Goldberg, and Roland W. Moskowitz 328
Rheumatoid bursitis extending into the clavicle and to the skin surface
Lawrence W. Bassett, Richard H. Gold, and Joseph M. Mirra 336
Still's disease associated with Coxsackie infection and haemophagocytic syndrome
D. C. Heaton and P. W. Moller 341
Adult-onset Still's disease complicated by hypercalcaemia: possible relationship with rapidly destructive polyarthritis
J. M. G. W. Wouters, P. G. A. Froeling, and L. B. A. Van De Putte 345
Still's disease and the virus-associated haemophagocytic syndrome
J. A. Morris, A. R. Adamson, P. J. L. Holt, and J. Davson 349
Gonococcal arthritis: an unusual presentation as pseudothrombophlebitis
P. T. Dawes, M. Pattrick, and J. Green 354
Clinical vignette 355
Correspondence 356
Book review 358
Note 358

No. 6 JUNE, 1985

Prevalence of ankylosing spondylitis in males and females in a young middle-aged population of Tromsø, northern Norway
J. T. Gran, G. Husby, and M. Hordvik 359

Spinal ankylosing spondylitis: a variant form of ankylosing spondylitis or a distinct disease entity?
J. T. Gran, G. Husby, and M. Hordvik 368

Cross-sectional study of rheumatoid arthritis treatment in a university hospital
W. T. Friesen, Y. A. Hekster, L. B. A. Van De Putte, and F. W. J. Gribnau 372

Routine quantification of rheumatoid factor by rate nephelometry
P. J. Roberts-Thomson, R. McEvoy T. Langhans, and J. Bradley 379

Studies on the interaction of rheumatoid factor with monosodium urate crystals and case report of coexistent tophaceous gout and rheumatoid arthritis
T. P. Gordon, M. J. Ahern, C. Reid, and P. J. Roberts-Thomson 384

Demonstration of an abnormality of C apoprotein of very low density lipoprotein in patients with gout
D. G. Macfarlane, C. A. Midwinter, P. A. Dieppe, C. H. Bolton, and M. Hartog 390

Plasma or serum from patients with systemic sclerosis alters behaviour of normal erythrocytes
I. B. Kovacs, M. H. A. Rustin, R. H. Meyrick Thomas, C. Ridler, S. O. Sowemimo-Coker, and J. D. T. Kirby 395

Triggering infections in reactive arthritis
Ville V. Valtonen, Marjatta Leirisalo, Pertti J. Pentikäinen, Tarja Räsänen, Ilkka Seppälä, Ulla Larinkari, Marjut Ranki, Saija Koskimies, Mirjam Malkamäki, and P. Helena Mäkelä 399

Are disease duration and degree of functional impairment determinants of bone loss in rheumatoid arthritis?
Orla S. Als, Anders Gotfredsen, Bente J. Riis, and Claus Christiansen 406

Sialochemistry of patients with autoimmune rheumatic disease with and without histological manifestations of Sjögren's syndrome
E. B. Tsianos, A. G. Tzioufas, A. K. Mavridis, A. K. Sarras, C. S. Papadimitriou, O. Tsolas, and H. M. Moutsopoulos 412

Systemic lupus erythematosus without clinical renal abnormalities: renal biopsy findings and clinical course
James R. O'Dell, Robert C. Hays, Stephen J. Guggenheim, and James C. Steigerwald 415

Acute autonomic neuropathy in association with systemic lupus erythematosus
Christine Hoyle, D. J. Ewing, and A. C. Parker 420

Complete heart block and bowel infarction secondary to rheumatoid disease
Margaret Wilsher, W. M. Ian Smeeton, Timothy D. Koelmeyer, and Antony H. G. Roche 425

Book reviews 429

Notes 430

No. 7 JULY, 1985

Exclusion of the α_1(II) collagen structural gene as the mutant locus in type II Ehlers-Danlos syndrome
Paul Wordsworth, Donald Ogilvie, Roger Smith, and Bryan Sykes 431
Disease activity indexes in rheumatoid arthritis; a prospective, comparative study with thermography
M. D. Devereaux, G. R. Parr, D. P. Page Thomas, and B. L. Hazleman 434
Enhanced prostanoid release from monocytes of patients with rheumatoid arthritis and active systemic lupus erythematosus
M. Seitz and W. Huntstein 438
Anti-intermediate filament antibodies, antikeratin antibody, and anti-perinuclear factor in rheumatoid arthritis and infectious mononucleosis
P. K. Kataaha, S. M. Mortazavi-Milani, G. Russell, and E. J. Holborow 446
Antikeratin antibodies in serum and synovial fluid show specificity for rheumatoid arthritis in a study of connective tissue diseases
P. Youinou, P. Le Goff, C. B. Colaco, J. Thivolet, D. Tater, J. Viac, and M. Shipley 450
Lung involvement in Sjögren's syndrome: a comparison between patients with primary and with secondary syndrome
C. Vitali, A. Tavoni, G. Viegi, E. Begliomini, A. Agnesi, and S. Bombardieri 455
Abnormal responses of rheumatoid arthritis lymphocytes to Epstein–Barr virus infection in vitro: evidence for multiple defects
W. L. Irving, P. R. Walker, and P. M. Lydyard 462
Reference values for metacarpophalangeal joint stiffness in normals
A. Howe, D. Thompson, and V. Wright 469
Carrageenin-induced arthritis: VI. Alterations in amino acid transport by articular cartilage in acute inflammatory arthritis
Sharon Byers, Christopher J. Handley, Dennis A Lowther, and Absorn Sriratana 477
Effect of blood on the activity and persistence of antigen induced inflammation in the rat air pouch
S. Yoshino, D. R. Blake, S. Hewitt, C. Morris, and P. A. Bacon 485
Tetraplegia as a presenting feature of systemic lupus erythematosus complicated by pulmonary hypertension
R. J. Hardie and D. A. Isenberg 491
Calcinosis of joints and periarticular tissues associated with vitamin D intoxication
R. C. Butler, P. A. Dieppe, and A. C. S. Keat 494
Pseudomonas arthritis treated with parenteral and intra-articular ceftazidime
Krystyna Walton, R. C. Hilton, and Rachel A. Sen 499
Clinical vignette 500
Correspondence 501
Note 502
Correction 502

No. 8 AUGUST, 1985

Autoantibodies in childhood scleroderma
R. M. Bernstein, R. S. Pereira, A. J. Holden, C. M. Black, A. Howard, and B. M. Ansell 503

Evaluation of an ELISA system for determination of class-specific antibodies to native and denatured DNA in man
G. M. Halliday, M. R. Salaman, M. H. Seifert, K. J. Johnson, and A. D. B. Malcolm 507

Subnormal sensitivity of neutrophils to complement split product C5a in rheumatoid arthritis: relation to complement catabolism and disease extent
Jens Elmgreen and Troels Mørk Hansen 514

Association of MHC antigens with susceptibility to and severity of rheumatoid arthritis in multicase families
D. J. Walker, M. Griffiths, P. Dewar, E. Coates, W. C. Dick, M. Thompson, and I. D. Griffiths 519

Tissue typing in brucellosis
P. T. Dawes and Salil K. Ghosh 526

Gm and Km allotypes in rheumatoid arthritis
P. A. Sanders, G. G. De Lange, P. A. Dyer, and D. M. Grennan 529

Systemic response to local urate crystal induced inflammation in man: a possible model to study the acute phase response
C. W. Hutton, A. J. Collins, R. E. Chambers, J. Whicher, and P. A. Dieppe 533

Acute monoarthritis associated with lipid liquid crystals
Antonio J. Reginato, H. Ralph Schumacher, David A. Allan, and Joseph L. Rabinowitz 537

Multiple microcrystal deposition within a family
Michael Doherty and Paul A. Dieppe 544

Cellular immunohistopathology of acute, subacute, and chronic synovitis in rheumatoid arthritis
Yrjö T. Konttinen, Ville Bergroth, Dan Nordström, Kalevi Koota, Bo Skrifvars, Gösta Hagman, Claes Friman, Martti Hämäläinen, and Pär Slätis 549

Remission of arthritis and radiological improvement after combination therapy for non-Hodgkin's lymphoma in a patient with rheumatoid arthritis undergoing treatment with D-penicillamine
P. Sheldon and J. K. Wood 556

An unusual case of Reiter's disease
R. D. Maw and P. Gilmore 559

Cushing's syndrome with suppression of the hypothalamic-pituitary-adrenal axis after intra-articular steroid injections
M. M. O'Sullivan, W. R. Rumfeld, M. K. Jones, and B. D. Williams 561

Sequential studies on synovial lymphocyte stimulation by rubella antigen, and rubella virus isolation in an adult with persistent arthritis
J. K. Chantler, D. M. Da Roza, M. E. Bonnie, G. D. Reid, and D. K. Ford 564

Geode: crystal-containing cavity, lymph space, or pseudocyst?
D. L. Gardner 569

Correspondence 570

Notes 574

No. 9 SEPTEMBER, 1985

Bone turnover in early rheumatoid arthritis. 1. Biochemical and kinetic indexes
P. N. Sambrook, B. M. Ansell, S. Foster, J. M. Gumpel, R. Hesp, J. Reeve, and J. M. Zanelli 575

Bone turnover in early rheumatoid arthritis. 2. Longitudinal bone density studies
P. N. Sambrook, B. M. Ansell, S. Foster, J. M. Gumpel, R. Hesp, and J. Reeve 580

Calcium absorption in rheumatoid arthritis
P. N. Sambrook, G. Abeyasekera, B. M. Ansell, S. Foster, J. M. Gumpel, P. A. Hill, J. Reeve, and J. C. Stevenson 585

Chrysotherapy and thrombocytopenia
R. Madhok, T. Pullar, H. A. Capell, F. Dawood, R. D. Sturrock, and H. M. Dick 589

Arthritis and coeliac disease
J. T. Bourne, P. Kumar, E. C. Huskisson, R. Mageed, D. J. Unsworth, and J. A. Wojtulewski 592

Articular manifestations of familial hypercholesterolaemia
Gilles Mathon, Claude Gagné, Daniel Brun, Paul-J Lupien, and Sital Moorjani 599

Decreased nailfold capillary density in Raynaud's phenomenon: a reflection of immunologically mediated local and systemic vascular disease?
P. M. Houtman, C. G. M. Kallenberg, A. A. Wouda, and T. H. The 603

Oesophageal dysfunction in patients with primary Sjögren's syndrome
E. B. Tsianos, C. D. Chiras, A. A. Drosos, and H. M. Moutsopoulos 610

Raised serum hyaluronate levels in scleroderma: an effect of growth factor induced activation of connective tissue cells?
Anna Engström-Laurent, Nils Feltelius, Roger Hällgren, and Åke Wasteson 614

HLA antigens and toxic reactions to sodium aurothiopropanol sulphonate and D-penicillamine in patients with rheumatoid arthritis
P. Perrier, C. Raffoux, Ph Thomas, J. N. Tamisier, M. Busson, A. Gaucher, and F. Streiff 621

Ultrastructural changes in the rectal mucosa of patients with rheumatoid arthritis
G. R. Struthers, C. A. Hollywell, C. J. Morris, K. W. Walton, and P. A. Bacon 625

Porcine catabolin stimulates prostaglandin E_2 secretion but does not affect intracellular cyclic AMP production in pig synovial fibroblasts
G. J. Carroll 631

Mitral and aortic regurgitation in Behçet's syndrome
J. M. Peña, J. Garcia-Alegria, F. Garcia-Fernandez, F. Arnalich, F. J. Barbado, and J. J. Vazquez 637

Palindromic rheumatism and Felty's syndrome
P. G. Davies and P. W. Thompson 640

Notes 641

Conference report: The role of steroids in the treatment of arthritis 642

Correspondence 644

No. 10 OCTOBER, 1985

Hyaluronic acid production in vitro by synovial lining cells from normal and rheumatoid joints
Inger Marie S. Dahl and Gunnar Husby 647
Direct measurement of local pressures in the cadaveric human hip joint during simulated level walking
D. Adams and S. A. V. Swanson 658
Application of Bayes' theorem to the diagnosis of ankylosing spondylitis from radioisotope bone scans
B. L. Diffey, B. Pal, C. J. Gibson, C. B. Clayton, and I. D. Griffiths 667
Statistical reappraisal of the clinical significance of nail beading in rheumatoid arthritis
E. N. Grant, N. Bellamy, W. W. Buchanan, E. M. Grace, and S. O'Leary 671
Bidirectional erosion of cartilage in the rheumatoid knee joint
Michael Bromley, Harvey Bertfield, John M. Evanson, and David E. Woolley 676
Osteoarthritis of the knee in Nigerians
Walton W. Ebong 682
Radiological findings in seropositive juvenile chronic arthritis (juvenile rheumatoid arthritis) with particular reference to progression
R. A. Williams and B. M. Ansell 685
Leucocyte function in patients with rheumatoid arthritis: quantitative in-vivo leucocyte mobilisation and in-vitro functions of blood and exudate leucocytes
J. H. Wandall 694
Lymphocytes from the site of disease but not blood lymphocytes indicate the cause of arthritis
Denys K. Ford, Doreen M. Da Roza, and Michael Schulzer 701
Serum amyloid A protein (SAA) subtypes in acute and chronic inflammatory conditions
C. P. J. Maury, C. Ehnholm, and M. Lukka 711
Terminal complement component deficiencies and rheumatic disease: development of a rheumatic syndrome and anticomplementary activity in a patient with complete C6 deficiency
Jeffrey J. Wisnieski, George B. Naff, Jack Pensky, and Steven B. Sorin 716
Book reviews 657, 670, 675, 693, 700
Correspondence 723
Notes 726

No. 11 NOVEMBER, 1985

Editorial: Amyloid arthropathy 727
Amyloid arthropathy in patients undergoing periodical haemodialysis for chronic renal failure: a new complication
J. Muñoz-Gómez, E. Bergadá-Barado, R. Gómez-Pérez, E. Llopart-Buisán, E. Subías-Sobrevía, J. Rotés-Querol, and M. Solé-Arqués 729

Synthesis of antibodies, including antiviral antibodies, in the knee joints of patients with arthritis
C. A. Mims, A. Stokes, and R. Grahame 734
MacIntosh arthroplasty for the rheumatoid knee: a 10-year follow up
B. P. Wordsworth, D. T. Shakespeare, and A. G. Mowat 738
A seroepidemiological study of cytomegalovirus and Epstein-Barr virus in rheumatoid arthritis and sicca syndrome
P. J. W. Venables, M. G. R. Ross, P. J. Charles, R. D. Melsom, P. D. Griffiths, and R. N. Maini 742
Combination therapy with pulsed methylprednisolone in rheumatoid arthritis
V. Neumann, R. Hopkins, J. Dixon, A. Watkins, H. Bird, and V. Wright 747
Imipramine for the treatment of fibrositis: a therapeutic trial
A. J. Wysenbeek, F. Mor, Y Lurie, and A. Weinberger 752
A multiclinic, placebo-controlled, double-blind study of prostaglandin E_1 in Raynaud's syndrome
J. S. Mohrland, J. M. Porter, E. A. Smith, J. Belch, and M. H. Simms 754
Antigens related to the major internal protein, p27, of a psoriasis associated retrovirus-like particle are expressed in patients with chronic arthritis
Eyvind Rødahl, and Ole-Jan Iversen 761
IgA serum levels and disease activity in ankylosing spondylitis: a prospective study
M. J. A. M. Franssen, L. B. A. van de Putte, and F. W. J. Gribnau 766
IgE deposition in normal skin of patients with rheumatoid arthritis in relation to clinical and laboratory findings
L. S. De Clerck, M. L. Westedt, A. Cats, B. J. Vermeer, E. F. Weltevreden, C. H. Bridts, and W. J. Stevens 772
Ascites in systemic lupus erythematosus
Anne Mier and William Weir 778
Depolymerisation products of hyaluronic acid after exposure to oxygen-derived free radicals
Julian D. McNeil, Ole W. Wiebkin, W. Henry Betts, and Leslie G. Cleland 780
Clinical features of meningococcal arthritis: a report of four cases
B. L. Kidd, H. H. Hart, and R. R. Grigor 790
Traumatic chylous knee effusion
Antonio J. Reginato, Ella Feldman, and Joseph L. Rabinowitz 793
Raised serum alkaline phosphatase and aspartate transaminase levels in two rheumatoid patients treated with sulphasalazine
M. Farr, D. P. M. Symmons, and P. A. Bacon 798
Does food intolerance have any role in the aetiology and management of rheumatoid disease?
L. Gail Darlington 801
Clinical vignette 800
Book reviews 733, 741, 746, 751, 753, 760, 771, 777, 779, 789
Notes 804
Correspondence 805

No. 12 DECEMBER, 1985

Editorial: Rheumatoid subluxations of the cervical spine 807
Surgical treatment of cervical cord compression in rheumatoid arthritis
H. A. Crockard, W. K. Essigman, J. M. Stevens, J. L. Pozo, A. O. Ransford, and B. E. Kendall 809
Concentration and molecular weight of sodium hyaluronate in synovial fluid from patients with rheumatoid arthritis and other arthropathies
Lauritz B. Dahl, Inger Marie S. Dahl, Anna Engström-Laurent, and Kirsti Granath 817
Anticardiolipin antibody, recurrent thrombosis, and warfarin withdrawal
R. A. Asherson, J. K. H. Chan, E. N. Harris, A. E. Gharavi, and G. R. V. Hughes 823
Congenital contractural deformities of the fingers and arthropathy
J. R. Martin, Shao-Nan Huang, A. Lacson, R. H. Payne, S. Bridger, F. C. Fraser, A. J. Neary, E. A. MacLaughlin, C. Hobeika, and L. J. Lawton 826
Effect of acetylator phenotype on efficacy and toxicity of sulphasalazine in rheumatoid arthritis
T. Pullar, J. A. Hunter, and H. A. Capell 831
Walking activities and wear of prostheses
B. B. Seedhom and N. C. Wallbridge 838
A morphological study of macrophage and synovial cell interactions with hydroxyapatite crystals
Robert S. Hirsch, Kym Smith, and Barrie Vernon-Roberts 844
Synovial fluid cells in Reiter's syndrome
Dan Nordström, Yrjö T. Konttinen, Ville Bergroth, and Marjatta Leirisalo-Repo 852
Symptomatic intravertebral disc herniation (Schmorl's node) in the cervical spine
Stephen J. Lipson, David A. Fox, and J. Leland Sosman 857
Correspondence 860
Index 863